The
Benjamin Smith Lyman
Collection

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by
His Heirs

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[illegible]

Nantucket, 2 Jan. 1864.

J. H. Converse Esq.
Boston.

Dear Sir,

I arrived here yesterday evening, & found on my return to the vessel this morning enclosing a check on the Mercantile Bank for three hundred and fifty two dollars and seventy seven cents ($352.77) in full of our account.

We thanks for the same and for your kind wishes, I remain

Very truly yours.
Benj. D. & Lyman.

[illegible]

J. B. [illegible]
No. 19 [illegible]
Boston,
Massachusetts

[Copy]

Northampton, Mass., 2 Jan. 1884.

John Torrey, Esq.
San Francisco.

Dear Sir,

Mr. Young, who is making my transit and getting the compass ready, has informed me that it will be quite easy to get the instruments away, as soon as we take up our, & is in time for tomorrow's steamer. He had been disappointed about the materials to be used, and moreover, many of his men absolutely refused to work on New Year's day, and some also on the day following.

As I could do of little use without the instruments, and as the fitting myself out with all the articles necessary for so long a absence has required far more time than I had at first anticipated, I was glad to get away in very little time. They unfinished book &c is with; I'll not sail myself until the steamer arrives.

I trust this will not delay you beyond the time necessary for getting your outfit [illegible] as the delay seems unavoidable.

Please, dear Sir,

Very respectfully yours.

Asa Gray

[Postscript]

John Torrey, Esq.
San Francisco
Cal/

137 South Fifth Street Philadelphia
7 June 1864.

My dear Mrs. Buchanan;

If you could
[illegible] for me before Monday
[illegible] you will oblige me.
[illegible] I intend
to leave town
& have come back to
[illegible] as always here.
[illegible] be pleased if you would
[illegible]
[illegible] yours.
Very truly & Sincerely

Mrs. James Buchanan.

1318 Rodman Street.
[illegible]
[illegible]

[illegible]

[illegible] whiskey [illegible]
[illegible] and [illegible]
in drinking [illegible]

You [illegible]
about the [illegible]
side of the [illegible]
[illegible]
baggage [illegible]
[illegible]
that I [illegible]
[illegible]
with the [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

The fifth Ave. [illegible]

I don't know [illegible] of the summer cl[illegible]
[illegible] suppose. I have worn them on the [illegible]
four or five years, but I remember that [illegible]
[illegible] very small size, and I cannot [illegible]
quite satisfied of their being so small without
trying them again. So I would be obliged
if you would send the two coats, the two
vests and the two pairs of trousers, the dressing
case housewife with thread and needles of various
sizes and some half dozen pocket notebooks that you
will find I think in the lower drawer of the bureau
of the little room. I should like all of these things
to go to-day that they are. James's room is at No
Amity Street and it would be best to [illegible]
bundle.

I find the blue socks fit me quite
though a trifle smaller than the new
I am so well [illegible] that the new ones
are a long time with [illegible]
may [illegible] and [illegible]
[illegible]
[illegible]

I [illegible] make my [illegible] half past four in the morning.

I wish very much I could accept your invitation to dinner, next Monday, but I am more and more convinced as time advances that it will be impossible.

[illegible]

James F. Cyman Esq.
No 15 Nassau Street
New York City.

139 South Fifth Street, Philadelphia
7 June 1824.

Dear James

Will you be so kind as to [illegible] my passage by the Wednesday's steamer for San Francisco [illegible] you a draft on the United States Bank in New York by the Girard Bank [illegible] hundred and twenty five dollars. I understand that is the price of a passage in the First Cabin. The Upper Deck is twenty five dollars dearer, but I am told is less comfortable. Should I [illegible] any difficulty in finding [illegible] in the First Cabin you can secure a berth on the upper deck, and I will pay the remainder when I get to New York. The strict rule of discipline on the vessel is such as will enable passengers upon deck [illegible] the steerage passengers as [illegible] is unusual. [illegible] comfortable as a lodging house, and the [illegible] Cabin passengers [illegible] with the upper deck passengers, [illegible] agent of the steamer is at [illegible] Albion, No 8 Wall Street.

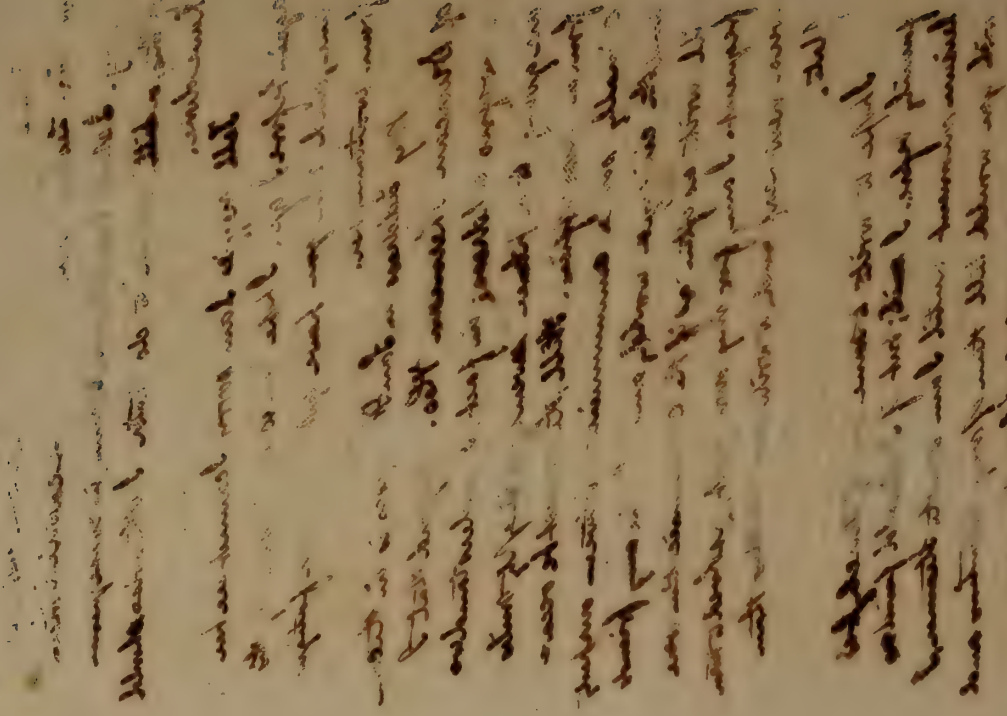
The time passed away so agreeably at Amelia Islands, Thursday, that it was so late [illegible] the ship [illegible] before I knew it. [illegible]

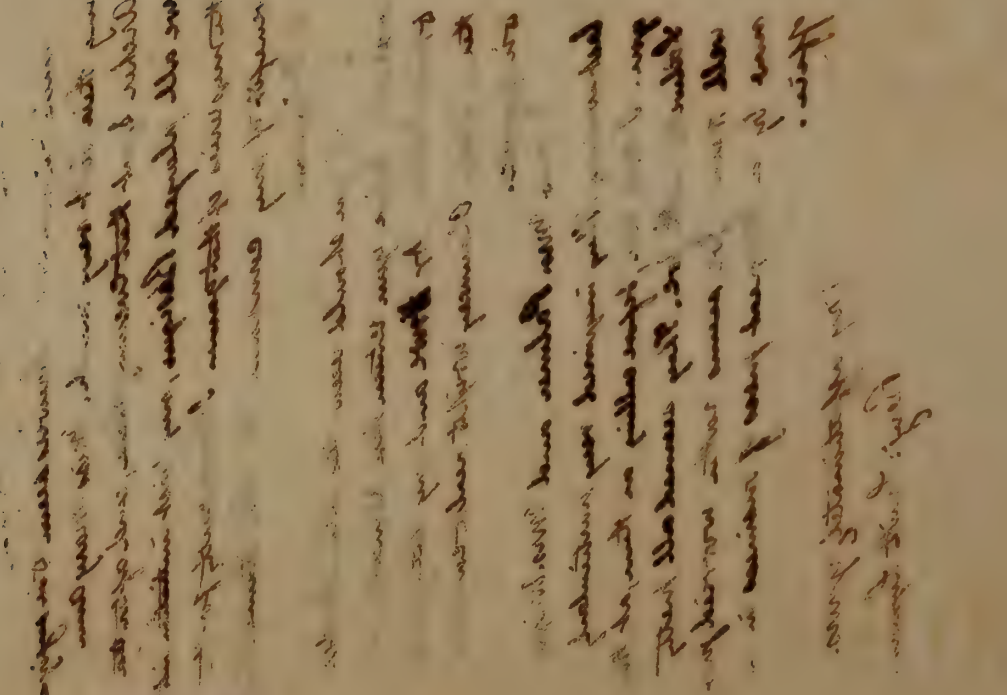
[illegible] reached [illegible] Thursday [illegible] New York for I [illegible] to [illegible] [illegible] I [illegible] yet [illegible] me. The engraving instruments are [illegible] ready, and I am [illegible] next Wednesday, New York. I intended to [illegible] on [illegible] from Northampton but my baggage [illegible] in New York owing to a blunder of an express man, and I cannot [illegible] New York [illegible] after spending only three days in N. York. I intended to work [illegible] a few days on [illegible] yet unfinished in New York work and then [illegible] a day in Boston. Now my time is so taken up that I cannot go there. I had no intention of going away without dropping you a line and do not mean to be like the man in "Seven years with his friend Vance."

I am very sorry that this delay will not enable me to see your husband. Joe Lewis tells me today you have news of [illegible]

I have ransacked everywhere without finding a trace of [illegible]

1





Dear Sanborn,

I [illegible] that I shall not have reached Northampton in time to [illegible] prepaid, I like to return by way of Boston and still see you. But my baggage will be going to New York, and I shall send my [illegible] at Northampton in order to go and meet it by [illegible] for it was of importance not merely to [illegible] ing things necessary for my long journey, and also material for finishing off my [illegible] work. This work, which I intended to finish at Northampton in the course of this week, occupies me still long and I have so many interruptions on account of my preparations for journey that it will be impossible for me to finish the work. I must therefore do so much work on it as I can and give the rest over to [illegible] to do on his return. He is expected here to arrive in a couple of weeks; so that I shall miss a very little by him.

I am [illegible] next Wednesday from New York. I expect to leave the city [illegible] night or Tuesday and stay the rest of the time in New York.

[illegible] Philadelphia

9 Jan. 1864.

My dear [illegible],

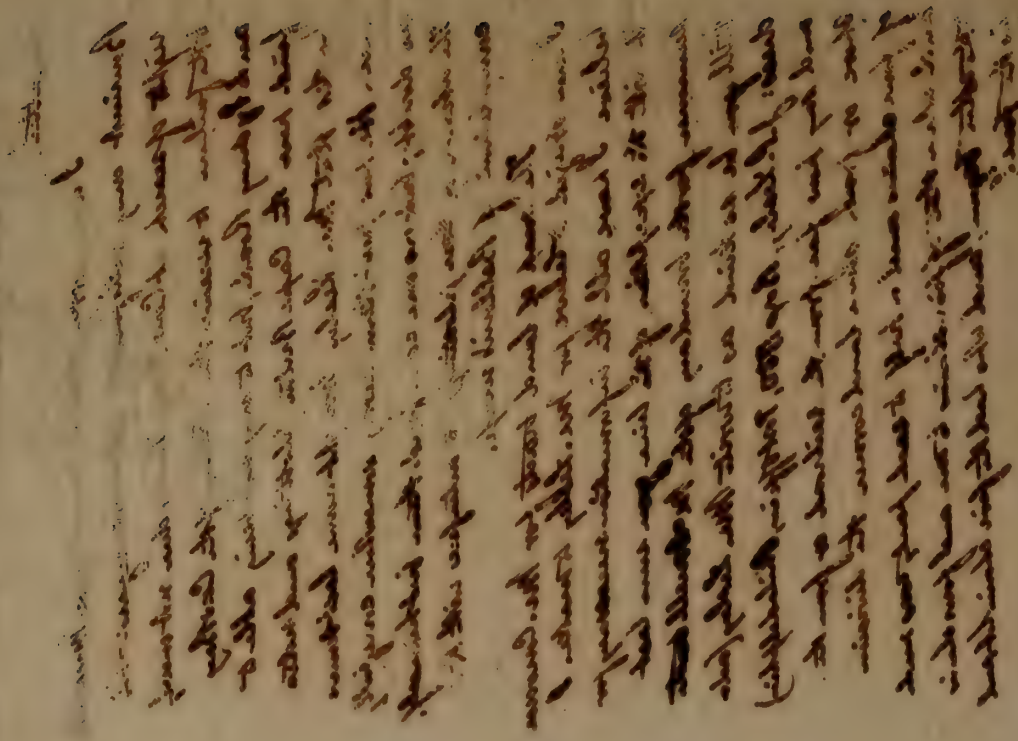
I suppose that you have heard nothing from you since seeing that you are ignorant of my address. I [illegible] to give it you under the impression that you know it already. Your letter of December from [illegible] arrived [illegible] by Archibald of [illegible] [illegible] was [illegible] forwarded [illegible]. I am much obliged to you for procuring me the work as if I could do the work; and I have felt all along much more grateful than I have probably seemed for attentions of this kind, as well as of many other kinds, on your part towards me. Although I had no claims upon you, your conduct towards me has benefitted me more and in more ways than you probably imagined, and I should have been at a loss in any case how to repay one half the obligations I owe. I am hurried away to [illegible] and cannot attend even to those little matters of [illegible] that [illegible] left for me to do when I went away. He is expected home [illegible] in a few days, and will [illegible] attach himself

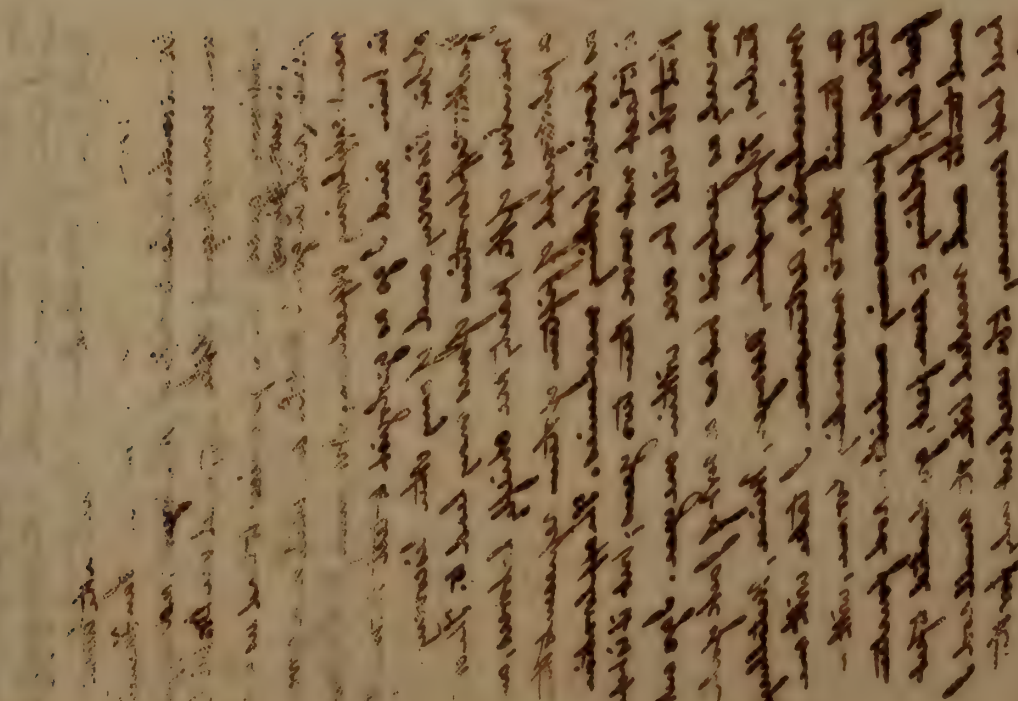
[illegible] with a [illegible] and [illegible] for [illegible] the [illegible]. Besides that I have been [illegible] in geological exploration, [illegible] pocket book and [illegible].

I am going [illegible] my office [illegible] I opened last winter. My address will be in Care of Duncan, Sherman & Co. San Francisco [illegible] if you should ever have a [illegible] to write me, it would give me great pleasure to hear from you. If there should be any document for me with reference to my right of search at [illegible] Bay, you might send it [illegible] when you write about the Richard McDonnell [illegible].

Remember me kindly to your charming wife and pretty children and the rest of your family, and believe me ever

Your affectionate friend,
Benj. Smith Lyman.





139 South Fifth Street, Philadelphia,
18 Jan. 1864.

Dear James;

I wrote you last Thursday asking you to secure my passage in the Cliff vessel sailing and inclosing a draft for one hundred and twenty five dollars ($125) and have not heard from you since. My letter may have gone astray. In case it did I wish you would call and get the draft or one or both of the eight gallon kegs of Boss Rye I have sent there. Another one will be sent to Fort Monroe containing the $100 bank note and I trust you will take the trouble to see that it is forwarded to me as soon as you have heard the Captain has. If you have failed in any thing I shall get it somewhere on my arrival there will be unnecessary. The draft issued by the Girard Bank was on the Bank of North America in New York payable sixty days after date and numbered forty. It was made payable to me, but I endorsed it to you. You would better keep the passage ticket, if you have not already sent it to me; and might send it.

I shall not be able to dine with you this evening. I expect to reach New York about ten

James M. Cayman Esq.
No. 15 Nassau Street,
New York City.

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139 South Fifth Street, Philadelphia; 10 Jan 186[illegible].

My dear Mr. Lesley;

When I agreed three weeks ago to go to Arizona, I offered you two hundred dollars to finish up the two Glace Bay maps [illegible] in case you could not do it at the same price. I should [illegible] do it because you are more familiar with the localities [illegible]
I thought then [illegible] I could finish up my Cow Bay [illegible]
I have [illegible] do [illegible] [illegible] by getting my outfit of instruments [illegible]
[illegible] had scarcely any time left for mapping.
[illegible] the [illegible] report unfinished, and beg you
do the rest for [illegible] [illegible] dollars. I do not think that all this work
will occupy you near three weeks; but I should be sorry to give it to you
to do for less than [illegible] hundred dollars a week. I am sorry to do even this in
[illegible] absence; [illegible] [illegible] is the time for you to make money in your
profession, [illegible] [illegible] demand for geological surveys; and
I am afraid [illegible] [illegible] will interfere with something more lucrative.
[illegible] could probably [illegible] [illegible] maps and report perfectly well, but as
[illegible] [illegible] knows [illegible] and scarcely at all about him I should much
prefer to have you [illegible] [illegible]. He himself suggested at the outset some such
arrangement, when it seemed desirable for me to go away sooner. One
difficulty may be this: [illegible] [illegible] [illegible] the survey to keep its results
secret except so far as we might [illegible] [illegible] [illegible] to divulge them.
I have not been able to persuade him to take a different course and
if you should undertake the finishing of the maps you would have to keep
[illegible] [illegible] [illegible] [illegible] months. This might be very disagreeable to
you [illegible] on the [illegible] [illegible] [illegible] of some service. For I am satisfied that
[illegible] [illegible] [illegible] [illegible] his [illegible] [illegible]
[illegible] [illegible] be such, the
[illegible] [illegible] [illegible]
[illegible] [illegible]
with [illegible] [illegible]
[illegible] has given [illegible] [illegible] I [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

had thought here would be [illegible]. It is also likely to be very little Archibald McCauley [illegible] to the Rose and so that there is no use of. Also the consequence of the Block house being the [illegible] very greatly the appearance of the Cove Bay the aim. The great point of view that remains is the wide extent of the Agricultural area and the distance behind the Block house would [illegible].

In making a copy for Mr. Price of your Plan how much I found that you had not located rightly the situation of the Campbell Wm back of Bartlett's and at the Rock, either because you had lost the notes I gave you about it or because they had been confused. This error so altered the whole of the Bed as to make me confound the Rock Pt with Island Pt. Bartlett's and Campbell's cliff. When the situation of the Campbell Bed was rectified and also that of the Harbor Rock made a little more correct, they were found to be just about parallel and [illegible] which was the course from the Bartlett's bed to the Rock Point bed on the York shore distant from the Rock Pt. The true course of the Rock Point Bed is towards the point at the mouth of Big Bear River and the present Rock Point which is [illegible] from the Bartlett's as the other Rock by the Farm, left by the Block coal [illegible] up by the dwelling on the bank. The sketch I gave is the true position of the Campbell Bed and of the Rose Bed. Before receiving the letter in which I had put the [illegible] Mr. Rose suggested the outcrops of the singular Bartlett's Rock Bed and the parallel Rock and the Campbell Bed the outcrop of the Rose Rock. I changed all that on Mr. Poole's copy. Now since receiving your original map I got to make an entire copy of it, and I send it herewith to the State. The [illegible] must be done for the Bartlett's [illegible] of land left at Bear Bay. Send me a drawing of the position of the outcrops of the different beds at Bear Bay where they come down to the shore both sea and York boats so that they can be laid in with ease. I leave all the necessary materials, boiling, [illegible] with the mining of the land but that Hendry can [illegible] me, for the land & map, except the boundary of the Kirkland Lake Mill tract which was changed a little last summer. I have written [illegible] to [illegible] for the necessary information in regard to that. In

[illegible] should be any [illegible] in the materials, entirely from the original seeds are in [illegible] in Halifax, and can be [illegible] if necessary; and if I have

I leave in [illegible] and drafts; and I will refer note in regard to that is needed [illegible] in the remains pieces of work.

If you are unwilling [illegible] the Cow Bay work under an agreement of secrecy, I hope [illegible] as far as the secrecy is necessary.

I regret extremely that I cannot see you before I [illegible] for so long a time; [illegible] Halifax I see you as you pass.

I have at last a good outfit of instruments. Mr. Young has been making me a transit with a quick motion, cross hairs for measuring and a rod [illegible] and marked with my own system of divisions. [illegible] for the expedition with a solar compass of his own invention of my own and all the most convenient way of reconnaissance or in surveying. I must thank you [illegible] for the use this long time of your instruments. I hope to be able to return it as good as before I borrowed [illegible] by I send the [illegible]

[illegible] I have [illegible] for plotting long and nearly straight lines with [illegible] I will sometimes swing a needle or another object [illegible] or three miles distant to [illegible] I have [illegible] measurements would very often [illegible] by this [illegible] of [illegible] feet [illegible] of a mile. As I had no barometer, I levelled all the lines [illegible] with good success.

Balance 197.23

Note with regard to the Map of
Land sold at Glace Bay.

The land lines, fences, roads, ranges, streams and the Coal, & Coal measure lines and parting are the same as on this map.

The only deviation from the Surveyor's plan will be in the general arrangement of the land lots, and the names in whom the lots stand.

All the lots owned by the Glace Bay Company are to be indicated by certain red lines; the lots adjoining by dotted lines; & a distinction to be maintained, so that a very fair view of the Glace Bay Company property may be indicated in future on the map, same system.

All the lots now belonging to the Glace Bay company are given in the Deeds No. 188 & 189 Liber [illegible] pages [illegible] and following. Only [illegible] lots of 50 in North Glace Bay have [illegible] page 78. The remaining lots, except the last common, is represented and published above and will be on a small piece of paper. The lot [illegible] Dickson [illegible] the north of Big Glace Bay is given in a tracing. The tracing of the [illegible] lot [illegible] as mentioned by us the [illegible] [illegible]

ind from the record of the deed.

The Name of [illegible] should be Engrossed [illegible]
is commonly called Ronald [illegible]

"Ronald Brooks Survey" was made by [illegible]

The courses and distances of the [illegible]
the highest grass, many [illegible]

It would perhaps be well to [illegible]
the land lines of the map.

Care should be taken to give distances correctly.

The Lot belonging to [illegible] may be numbered
and distinguished by the name of the person from whom they
[illegible]

10 Jan. 1884.

N° 83 in regard to the preparation of the Ballarat (East Area) Map and Report.

These remain to be plotted: the Prince's lease and the small outlying portions in Books I. II. VIII.; also in Book IX (Town Survey) beyond the 12 chains, for which the Inquirers sh. Not many of these remain to be plotted in I. II. VIII.

There remain to be fixed through, already plotted: Stations on the line N

A. Stations on the line from A40a to F61

B, " " " " " A40a to A40g

N. " A57, A57 & A60a.

Archibald Workings

D. Last part of the line N that traverses Archibald's mine & Mr Neville's.

This last was brought down all plotted with the note book by J. P. Lindsay, last year. If it is not there, the underground workings of the Gravitation (Training) may supply some of the missing information.

It was intended that all the 8 feet levels; but the finishing of the map can do without these above this.

The stations without numbered circles on the ground were red rings and the numbers; those with numbered circles (all odd numbers) were to have their centres cut from A57 or A57 and were here given already by mistake. All the stations of the line K were circled and numbered.

The map is to include the whole of the Prince's lease, the productive part of the second lease and the whole of the third (submarine) lease, excepting part of the eastern corner of this lease.

There is to be a profile section of the cliffs along the shore projected upon a line at right angles with the synclinal axis, near the bottom of the map. The synclinal axis runs lengthwise with the lease. The section may represent the coals below the water level as far as the bottom of the main Block house coal. Between the coal beds are nearly any thing but sandstone and sandy shales.

Nothing definite could be ascertained with regard to the thickness of the two coals between the Rockhouse and the McCauley. They were both thought to be about four feet thick by the country people who had worked them. The amount of coal they contain to the lease will have to be calculated for a thickness of one foot, so that the figures must be easily altered when the thickness is

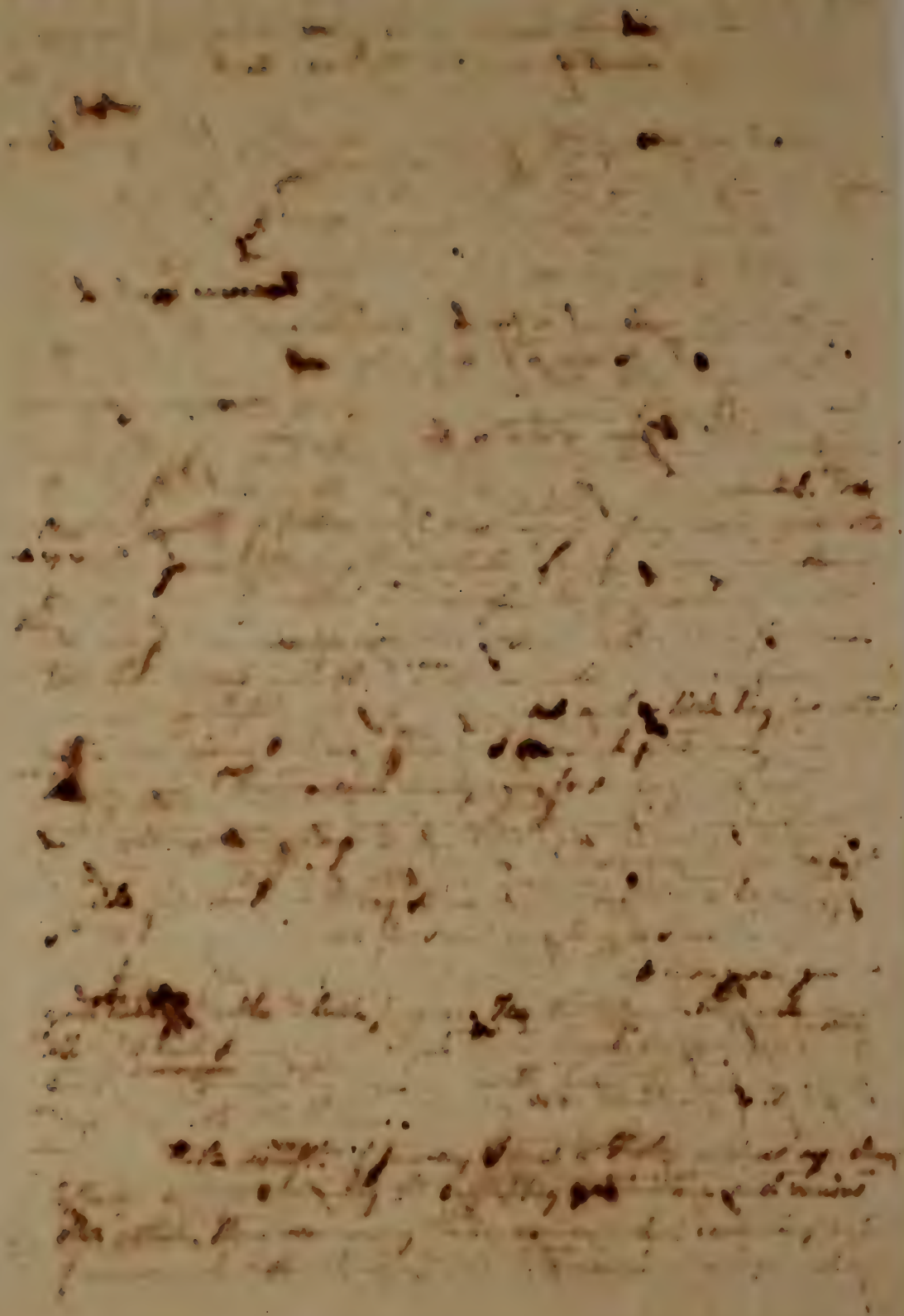
Mr. Gilbert desires any advice that may be given regard to working the Caves. Recommends a cutting of pits at ... of the basin with a single, short railroad of ... gauge, to ... upon the Bay ... with a wharf there, and a ... tramway, or better a simple ... and discharge in vats ... distance from shore, long enough to prevent ... the only bad ... the bay ... the ... the sea and side. The water is shallow ... would require a long wharf; but even without a breakwater such a wharf ... little exposed to injury from the storms ... because it would ...

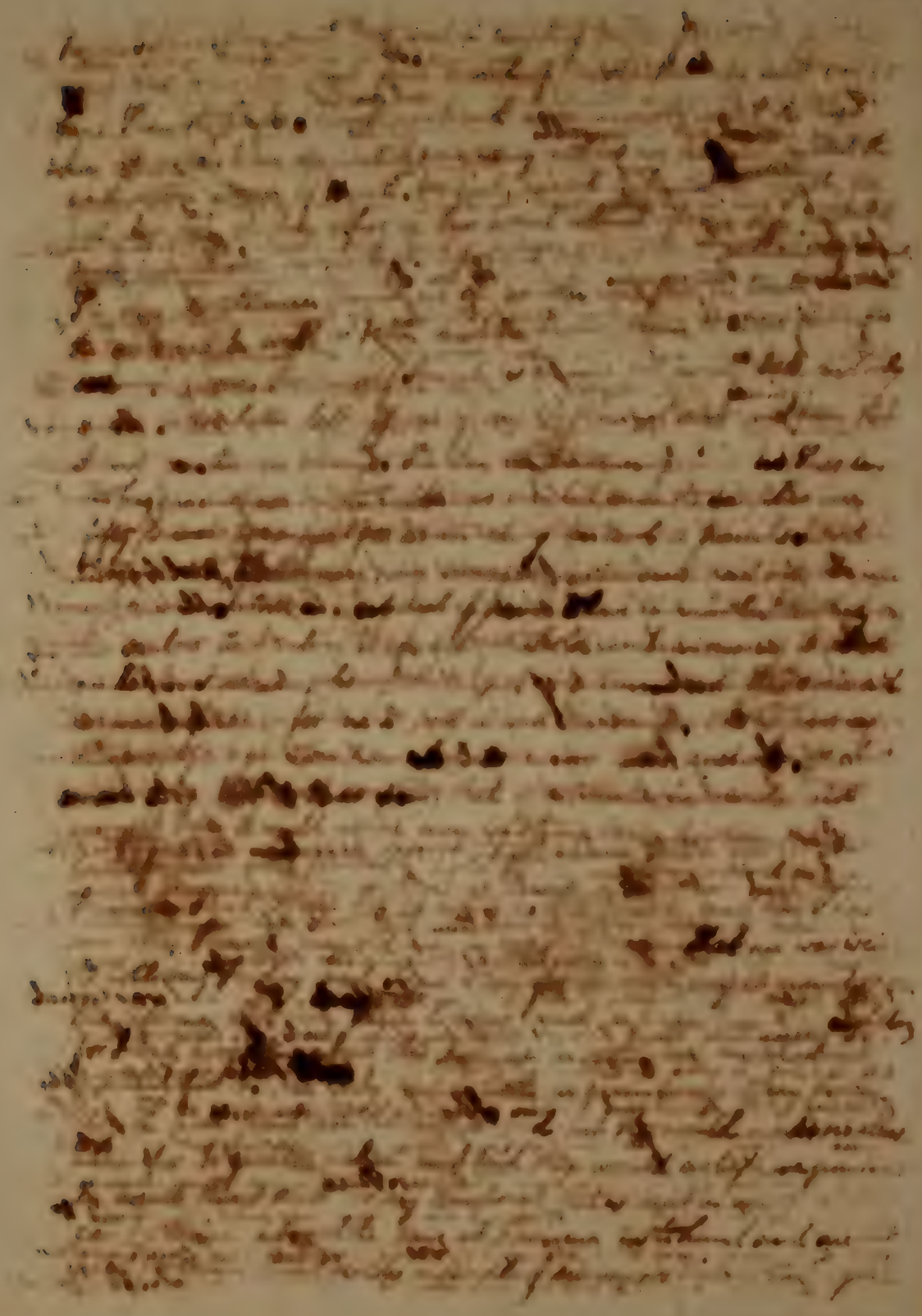
N
W
E
S
Rock ... and ballasted ... would require ... length and ... base ...
Section ... of the ... breakwater ... would ... after ... Stone would weigh ... cubic ...
Rock Bed ...

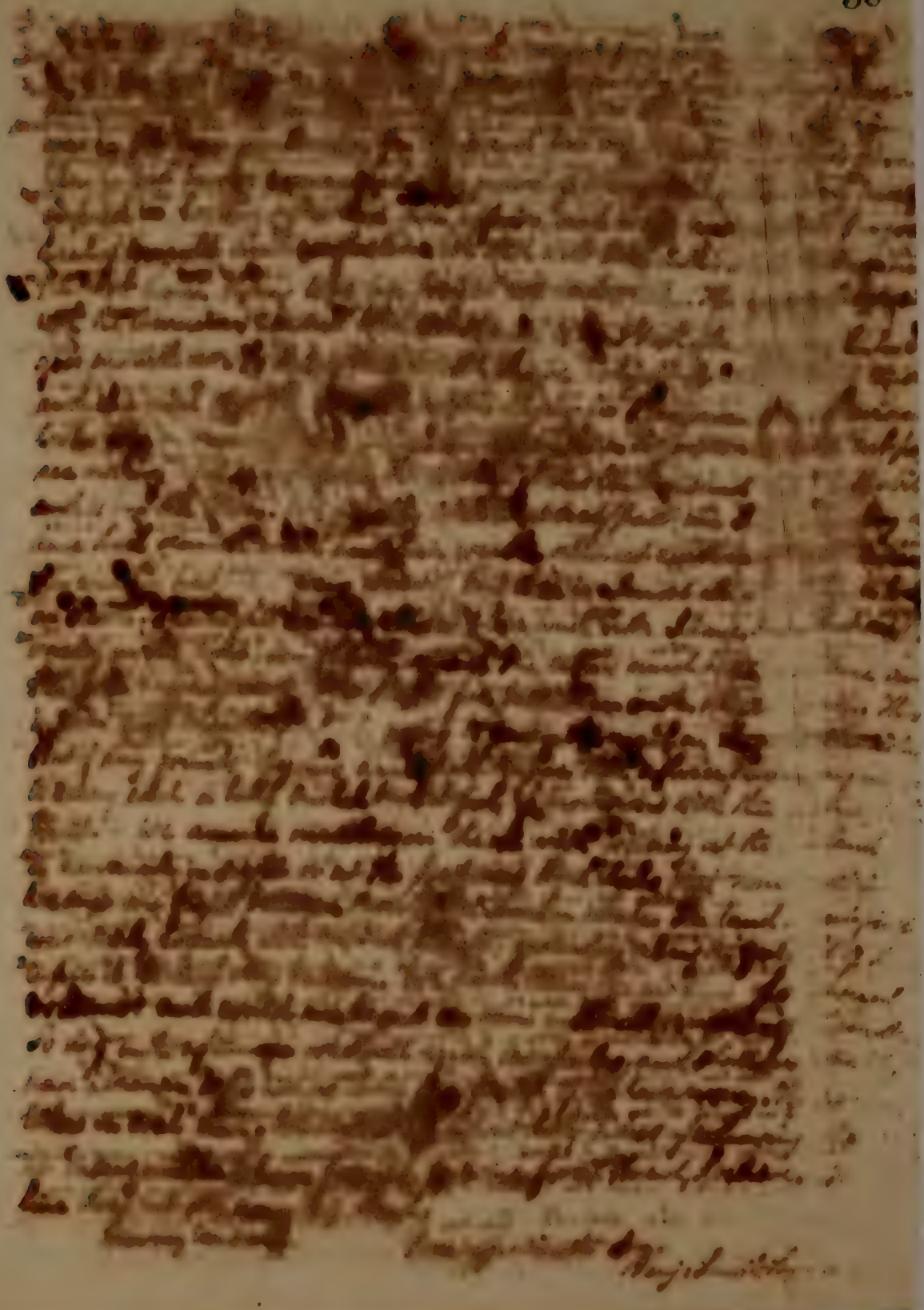
The breakwater ought to begin from the very end of the wharf and extended gradually northward and eastward means and ballast were afforded.

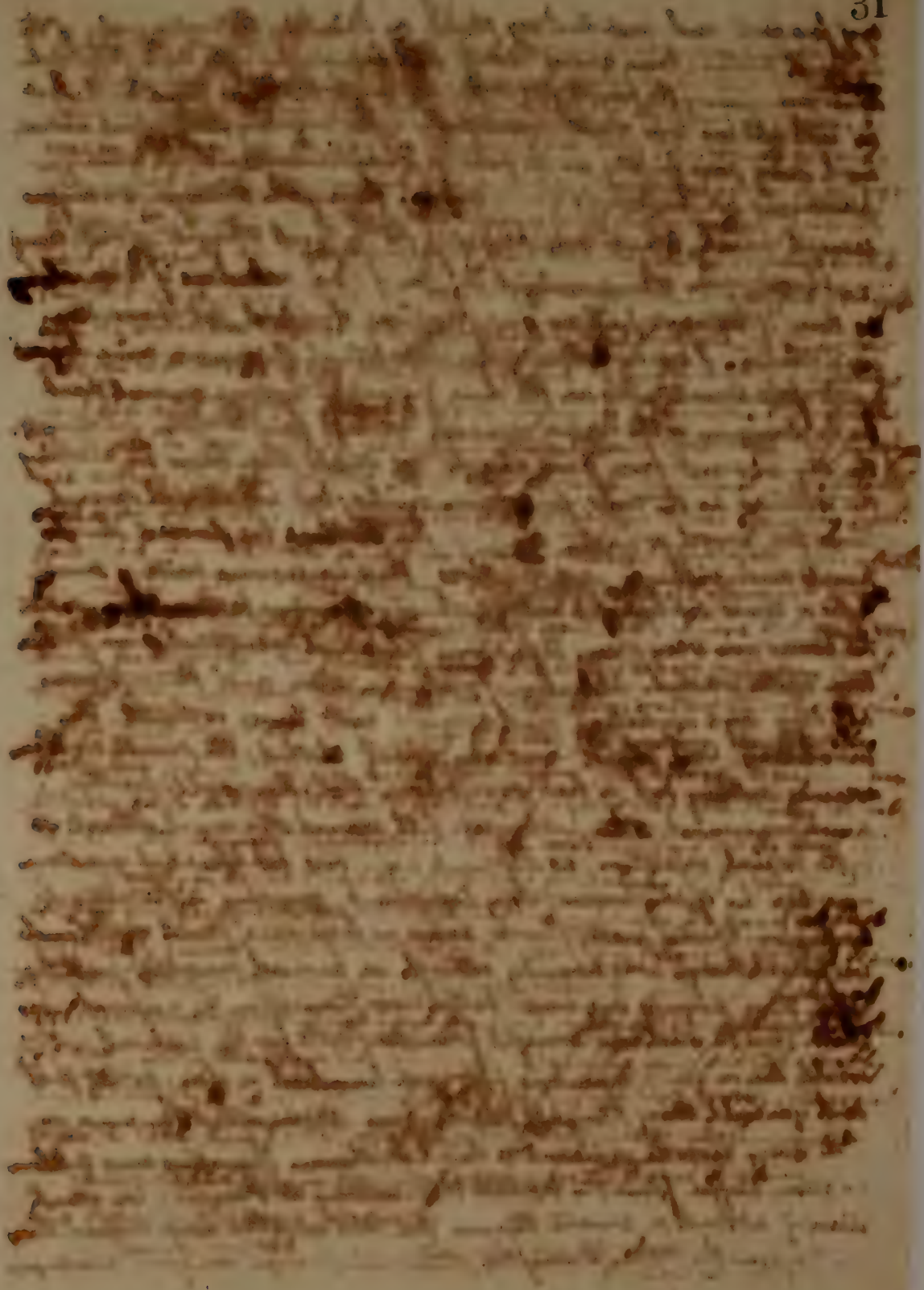
Something of the kind of the breakwater may be formed from the ... of the ... and land ... sent by J. P. Lesley last summer by Dr. Hardy.

Such a wharf and breakwater would no doubt be costly; but ... doubt towards the central line of the basin as soon as the ... coal is ... even if prudence did not require it ... would require handling the coal over ... hill ... upon each ... a great deal little ... The second and third ... would be ... line of central pits. The water of the ... to ... by the water level ... by means of a turbine. ... plan of pits could not be carried out ... and diminish the expenses of the two ... B.S.H.









[illegible]

Votre bien dévoué
Benj. Smith Lyman

Anglais. Cette exploration m'a retenu jusqu'au mois de [illegible] jusqu'à [illegible] [illegible]. Pendant que j'étais là-bas j'ai visité l'ancienne ville de Louisbourg, ville française de [illegible] qui a été prise deux fois par les Anglais ou les Américains, et l'année 1760, et qui a été enfin détruite par les Anglais. On y voit encore des restes des fortifications [illegible] les débris sont des pierres taillées qui ont été [illegible] évidemment de la France, et qui contiennent des [illegible]. La pierre est blanche et [illegible], un calcaire [illegible] ressemblant à des fossiles que j'ai vus dans votre collection; je ne me rappelle plus à quelle formation ou à quelle [illegible] je crois [illegible] quelques [illegible]

[illegible] Trinité [illegible] dans ce moment. J'ai trouvé aussi [illegible] de l'ancienne ville [illegible] et des morceaux de verrerie [illegible]. J'en ai acheté deux pour vous [illegible] les habitants, mais très peu intéressants je crois. L'un est [illegible] l'autre est [illegible] ayant une assez ancienne et [illegible] je ne crois grand [illegible] objets, mais vous aurez la consolation que je les ai vus. [illegible]

Au commencement de décembre on m'a télégraphié de Philadelphie qu'on allait envoyer une petite expédition au [illegible] qui est à l'est de la Californie, qui touche aux [illegible] mexicaines, et qu'on voulait que je voyage avec elle comme géologue et topographe. Je suis venu alors à Philadelphie [illegible] pour apprendre les détails [illegible]. Enfin on m'a promis [illegible] pour être [illegible] afin de trouver un bon gisement [illegible] On doit me donner le vingt [illegible] de chaque [illegible], et on [illegible] si je le préfère après tout, on me payera [illegible] par mois pour mon temps [illegible] depuis mon départ de New York jusqu'à [illegible], et dans tous les cas on payera pour moi toutes les frais de voyage. Avec cela j'espère pouvoir avoir du

A bord du [illegible]

Mon cher Basile

Vous me reprochez avec raison votre dernière lettre du printemps de 1862 ne me fait jamais [illegible] que je vous avais tout à fait oublié. Pas du tout. La lettre était [illegible] j'ai voulu [illegible] à vous écrire et à [illegible] et à mon devoir de vous en remercier. Mais [illegible] déjà que je vous [illegible] à vous écrire à mon [illegible] à [illegible] cela depuis deux ans bientôt, qu'est-ce.

Il me rappelle que j'allais vous écrire bientôt après [illegible] votre lettre mais j'oubliais à tout [illegible] vous donner une description de la route forestière de la Suisse qui [illegible] à Thonon, via Bienne, la Neuveville, Yverdon, Lausanne, Vevey, Montreux, Villeneuve, mais enfin n'y allons pas.

Votre changement de vie et d'études m'a beaucoup intéressé. Votre vie tranquille et en même temps active me [illegible] vous fait paraître charmante. Moi aussi j'ai trouvé belle la vie de [illegible] et bien mon ambition à [illegible] toujours que je [illegible] un jour [illegible] maintenant que je vous connais bien mon ambition [illegible] je regrette presque [illegible] je n'ai pas [illegible] [illegible] et votre cette [illegible] de vous.

Je dois vous donner une petite [illegible] de ma vie depuis le printemps de 1862, espérant que vous [illegible]

[illegible] Philadelphie
[illegible] y établir comme géologue et ingénieur des mines.
[illegible] que vous avez déjà [illegible] jusqu'ici qui
[illegible] le corps de ingénieurs des mines est [illegible]

[illegible] fait ingénieur [illegible] travail qui l'occupera pour
les particuliers, et malgré le gouvernement. J'ai suivi
un [illegible], comme il aurait fait un avocat, et j'ai attendu
à ce que [illegible] me donnait le [illegible] de la carte géologique ou topographique ou le [illegible] d'ingénieur
des mines. Enfin M. Lesley, qui est depuis longtemps très
connu comme géologue et topographe aux Etats Unis, avait
un travail à faire à la Nle du Cap Breton (Nouvelle Ecosse)
avec une compagnie principalement américaine de des ex-
ploitations houillères. M. Lesley a pu me faire employer
comme son aide. Je suis allé au mois de Mai, et il
m'a donné un mois plus tard. Il n'y a rien de fait pour
le moment mais je n'ai fait monter [illegible] à Philadelphie
que au mois d'Octobre. Après cela j'ai resté dans la
même place encore deux mois pour faire un travail
semblable pour un individu de New York qui a des mines
aussi là-bas. M. Lesley en quittant ce pays là aurait
voulu laisser le seul géologue qui connaissait la structure
géologique du pays: et j'étais par conséquent [illegible]

On board the Steamer Salem Esq. Feb. 6th

Steamer Salem Esq

Feb. 6th

If you have not already sent the box left behind with [illegible] at the Bank of Boston, you would oblige me by changing the Direction & address written on it into "Care of Hon. Theo. Lyman, Northampton, Massachusetts" and the Boston address into "Care of Hampshire Hamp. & Franklin Count Stage" and by sending it there by a vessel going to Phila. Such would please. As I expect to be gone a year or two away from home there is no hurry about the matter.

After leaving you I had the good luck to reach the Cars just in time for the steamer to Boston, and to find on it for fellow passengers Mr. Howe, Mr. Emery, Mr. Bellini, and one or two other Boston acquaintances. On arriving in town I handed over your barometer to Mr. Converse with [illegible] and it adjusted and he also made a note in his memorandum book with regard to the engraving and the blotting paper that you desired. I hope that you have received all [illegible] by this time through Mr. Converse.

I went on immediately to Philadelphia, and had

good deal if we could [illegible] on account of the gulf that combined with this writing makes me decidedly sea-sick as that I must quit.

My address is: Care of Duncan Sherman & Co. San Francisco, California. If I could be of any service to you in this line of writing it would give me great pleasure. Please remember me kindly to Mrs. Archbold and [illegible] may help from Yale.

Very sincerely yours.

Benj. Smith Lyman.

[illegible] from the [illegible] coast at first look
[illegible] mountains near [illegible] is very striking. We
[illegible] right and the [illegible]
crossing the Isthmus of Panama are laid for even
change sights of the tropical vegetation and fruits
[illegible] natives with their lily white [illegible]
[illegible] and the [illegible] parakeets and a thousand
[illegible] pelicans. Leaving Panama we
[illegible] the Pacific Ocean and [illegible]
[illegible] the shore was covered with a luxuriant growth of
tropical plants. After [illegible] it seemed
[illegible] but our stench was still assailed by the [illegible]
[illegible] could see a small section from [illegible]
Three days ago we touched at Acapulco to take [illegible] coal
and had a sight of the [illegible] fortifications
[illegible] natives, and the fine harbor. The port is blockaded
by a French [illegible] and [illegible] captured. More French [illegible]
[illegible] expected here. Yesterday we touched at Manzanillo [illegible]
freight and passengers. We are now crossing the gulf of
California. The water on this side [illegible] has been
remarkably smooth and the weather delightful but some
times too warm especially below deck. Now it is even
[illegible] cooler, and although time is [illegible] and there is a

San Francisco, [illegible] Feb. 1864.

Dear [illegible],

I [illegible]ved here safely on the morning of the eighth. I [illegible] [illegible] home with this a letter to [illegible] that I wrote just before [illegible] [illegible] Acapulco. I did not mail it there because I [illegible] [illegible] [illegible] and I was wrongly told that no steamer would [illegible] [illegible] [illegible] quicker than it would go after [illegible] [illegible] [illegible] I have kept it [illegible] correct the [illegible] give you. My address is: Care of Col. [illegible] R. C. Drum, [illegible] [illegible] Pacific Department, San Francisco, California.

We [illegible] Acapulco about [illegible], the [illegible] of January [illegible] [illegible] in the middle of the harbor and the [illegible] was [illegible] eighteen. The harbor is a very fine one, small [illegible] [illegible]. It is blockaded by a French frigate [illegible] [illegible] the [illegible], but ordinary merchandise and passengers [illegible] [illegible] interfered with. We found the United States [illegible] [illegible] in the harbor. Our vessel was [illegible] from other vessels, from the [illegible] [illegible] [illegible] the [illegible]. The [illegible] were almost all black [illegible] Indian, part Negro, part Spanish. Some of them [illegible] [illegible] and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] back by [illegible] [illegible] [illegible] [illegible] [illegible] little [illegible] out [illegible] of the [illegible] [illegible] like [illegible], only [illegible] [illegible] with [illegible] [illegible] [illegible] [illegible]. Many went [illegible] although it was getting [illegible]. I [illegible] [illegible] [illegible] one [illegible] [illegible] [illegible] [illegible] of the harbor was a [illegible] [illegible] Back of the town on a mountain [illegible] body of French troops were daily [illegible] [illegible] by [illegible] and [illegible] the town it was [illegible].

[illegible] accompanied by [illegible] came on board and
[illegible] looking after them, and [illegible] the porters and the
[illegible]. The native costume was very light, a pair of linen drawers, a
[illegible] worn over the [illegible] with shirt and drawers of white cotton
and [illegible] trimmed hats. One man [illegible] the [illegible] water from
a small boat into our ship, along with a [illegible] other man, took off his
shirt [illegible] and tied around his waist [illegible] they [illegible]
[illegible] were guiding them [illegible] the [illegible]
[illegible] [illegible] were [illegible] being [illegible]
[illegible]. These were made [illegible] with [illegible] and
stiff like [illegible] the head. We left the harbor at half past one
at night [illegible] for getting the [illegible]. We arrived
at Acapulco the amusement for which the [illegible] has been with the many
California [illegible]. The boat was [illegible] by boys and
girls swimming in the water, and they would dive after small pieces
of silver [illegible] thrown to them by the passengers. This [illegible]
because it was sometimes dark or because they had been frightened [illegible]
the [illegible] the [illegible] was the [illegible]
one boy jumped out of a canoe with his clothes on and [illegible] the
water [illegible]. [illegible] about [illegible]
passengers [illegible]. Among the things they sold were [illegible] pretty
but [illegible] of artificial flowers made of sea shells, placed
in [illegible] baskets. [illegible] were bought by our passengers,
adding to the [illegible] of animals already on board. Besides the
beef cattle and [illegible] had in quantity by way of provisions, the
other [illegible] an iguana, and an [illegible] belonging
to different officers [illegible] of the crew. The passengers [illegible] a horse,
a dog, a canary [illegible] cockatoo.

We arrived [illegible] Manzanillo at noon on the [illegible]
and remained there [illegible] hours and a half. The harbor is a fine
one but [illegible]. The village is much smaller
than Acapulco. We [illegible] passengers and [illegible] freight here
and took in [illegible] passengers [illegible] passengers [illegible]
[illegible] a baby [illegible] nothing [illegible]

The wind afterwards [illegible] was [illegible] Saturday. [illegible] after [illegible] big [illegible] hoped we [illegible] the [illegible] was [illegible] [illegible]. After having left [illegible] the [illegible], we [illegible] the [illegible] of the [illegible], with [illegible] [illegible]. Soon after [illegible] was [illegible] by [illegible] of the French [illegible] [illegible] blockading the [illegible].

The next morning we [illegible] and [illegible] was [illegible], [illegible] Cali[illegible]. The [illegible] continued to [illegible] daily until [illegible] the [illegible] morning. The last two days and nights [illegible] a dense fog and had [illegible] with great care and anxiety [illegible], and finally lay by from one o'clock in daylight. Then we [illegible] on towards [illegible], sounding frequently and [illegible]. Finally about nine o'clock the fog disappeared or we had left it behind and we found the [illegible] to this harbor right before us and in [illegible] and a [illegible] we [illegible]. I [illegible] of the [illegible] and met Mr. [illegible] who led me to his hotel the Occidental where he had engaged a room for me.

I have spent the time since that in walking about to see the town, in [illegible] making my preparations for our journey and in [illegible] a few friends. The main body of our party went yesterday by [illegible] to Los Angeles and Mr. [illegible] and I will [illegible] them [illegible] in two days. They had a long [illegible] and had been there but a fortnight when I came. I called on Mr. Whitney day before yesterday and found him well, apparently more [illegible] than [illegible]. He inquired, however, very kindly after you and about [illegible] in general. He was [illegible] I would have [illegible] me to call [illegible] house [illegible] inquiring for my address. I was [illegible] warmly received by Mr. [illegible] to whom [illegible] a letter. He [illegible] many things.

Illegible

San Francisco 11 [illegible] [illegible]

Dear [illegible];

[illegible] safely arrived [illegible] eighth. [illegible] [illegible] the accompanying [illegible], however [illegible] [illegible] [illegible] my address still is: Care of Colonel R. C. [illegible], Adjutant General [illegible] Department, San Francisco.

[illegible] arrived at Acapulco at [illegible] [illegible] past one in the night, [illegible] [illegible] of the [illegible] [illegible] passengers were taken ashore by the natives in large [illegible] boats. The natives surrounded our steamer with [illegible] and [illegible] passengers fruit, eggs, and shells, corals and other [illegible] [illegible]. The costume of the natives was [illegible] white cotton trousers [illegible] white cotton shirt worn over them or rolled up and tied around the waist, a broad brimmed straw hat; and [illegible] classic sandals. The natives apparently all very dark, [illegible], some of them with a vague admixture of blood [illegible] Spanish. The town was a small village of [illegible] wooden buildings with a fort [illegible] on rising ground and the ruins of another fort on an overhanging mountain. The fort was [illegible] [illegible] like a monument of [illegible] [illegible] not yet taken, and a body of [illegible] troops [illegible] expected to attack it again by water. The boys and girls [illegible] a game [illegible] to amuse the California passengers by diving after [illegible] money, did not appear for our benefit, probably because [illegible] [illegible].

At [illegible] on the first of February we [illegible] [illegible] and [illegible] hours and a half. The fort is [illegible] [illegible]. The village is [illegible] than Acapulco [illegible] a city of some fifty thousand inhabitants [illegible], in the neighborhood of the [illegible] silver mines of [illegible].

After leaving Manzanillo we came [illegible]

week of the Wilkes Exploring Expedition. Tuesday morning we found ourselves coupled and the waters little rippled, were in the Bay of Islands. The weather very warm during the morning of our arrival, when we finished it mustering at Quarters. The Bay is very pretty in a dark fog, and the last night was in some respects like it. Yesterday as we approached the land the fog disappeared and we found ourselves just before the harbor.

Since my arrival I have been walking about the town doing a few errands, and calling on Mr. Busby. I am boarding with Mr. Boyle and his other family until I can hear from Yesterday. The rest of the fleet arrived by steamer from Sydney, when we follow them by the next steamer.

I have not yet called on Miss Jackson, but mean to do so if I can find her address. I may go as an excursion with Mrs. Busby for some five days with Mrs. Boyle.

I am afraid of missing the mail and close. With my love to you all.

Very affectionately yours,

[illegible]

Washington Territory

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it ought best, although it seemed to me he was imprudent. He said that either then or at Fort [illegible] or anywhere else any one who was dissatisfied could leave the expedition, for he would be sorry to have the [illegible] of [illegible] on the part of any of the members. I suppose it a condition to accept the [illegible] to leave the [illegible] [illegible] I should have been [illegible] at any time since the [illegible] of my making the [illegible] [illegible]. I [illegible] had the appearance of being [illegible] in some [illegible] and nothing [illegible] [illegible]; I [illegible] [illegible] and the [illegible] had happened. It was all [illegible] [illegible] of Mr. [illegible]. Next day [illegible], I had an opportunity [illegible] [illegible] [illegible] [illegible] that I had [illegible] [illegible] [illegible] and that I [illegible] to [illegible] the [illegible] [illegible] [illegible]. I told him [illegible] I would [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] to leave the expedition [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] comfort and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] to [illegible] [illegible] [illegible] [illegible] [illegible], then [illegible] I would and [illegible] [illegible] [illegible], but if he thought [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] that my presence in the [illegible] [illegible] was [illegible] [illegible] [illegible] [illegible] supposed it would be, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] the necessary [illegible] of the expedition [illegible] [illegible] [illegible]. I supposed he would discharge me [illegible]; [illegible] I [illegible] [illegible] [illegible] not [illegible] [illegible] right to be let go until the [illegible]; that I would be willing to [illegible] the [illegible] [illegible] [illegible] [illegible] of [illegible] [illegible] half [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] and a half [illegible] [illegible] [illegible]. He was [illegible] to discharge me on the ground of any [illegible] of [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. It was [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] or [illegible] me to relieve me from the [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] to a [illegible]

On my return from the separation of Alice and Alexander, I called on Mrs. Barber and Miss Jackson here. The former has been a wealthy respectable town and I have seen them a number of times. I find Mr Barber to be a very fine man, and his wife has always a place with in the matrimonial way. He is the eldest elder than I supposed him to be and he seems to be quite child like and does not possess all in the feeling. He has been very kind to me in the way of giving me letters of introduction and he seems to stand almost any body in the country. I should think he was quite successful as a lawyer and would be regarded as such. Mrs with seems to have good health and is full of spirit. They are very fond of each other. Miss Jackson's health is not as good as her mind, not has improved I believe since her departure from Boston. Her amiability and intelligence and cultivation please me more than ever, and if I staid here much longer, I should undoubtedly fall a victim to them. It is a great pleasure to me to say that I followed your kind advice & Mrs. Barber that I should remain here and practice my profession. The salaries are very good and the number of mining companies and extent of mining speculation is astonishing. My friend Keyes, has the position of assayer to a mining company near Mazatlan in Mexico, and receives two hundred dollars a month for the first half year, after that four hundred dollars a month. He came away from Hartford only three or four months after me.

I must close here in order to complete my preparations for the journey. Although I have made an offer & find with her still & a good deal should present itself at Virginia City, or Austin or elsewhere, I should not feel justified in leaving it. I feel confident, however, that enough speculation is going on at those & where my funds will then.

Give my regards to your wife. By the way, I published on you by using your initials about as Barber, which is quite fashionable.

My affectionate love.

Benj. Smith Lyman

San Francisco, 19 March, 1864.

[illegible],

I enquired at the Occidental last evening, as [illegible] in regard to [illegible] and his money. My bill must [illegible] in Little [illegible]. Him only yesterday morning was [illegible] as to the money, and they had sent it to him by [illegible], writing at the same time that Col. Brown had told them [illegible] was already gone on your way to Arizona. Writing [illegible] from Arizona, and, it would appear, seemed to know nothing [illegible] movements.

I found yesterday that my baggage had arrived, and I am going to call out this afternoon for Sacramento in my [illegible] home.

I hope that you or Mrs. Lakins got a package at the Bella Union in Los Angeles containing a pair of socks for him. I directed and it by the stage to Wilmington, because I expected to see you again in Los Angeles, when I found that I should have to stay there until Monday morning.

I had abundant opportunity in this long delay at the [illegible] and suburbs of that charming town [illegible] discovered. The country was very thinly [illegible] and in every respect like that [illegible] between San Pedro and Wilmington. At San Jose

I was disappointed in my expectation of seeing Pitts, and
so were my other fellow passengers for I had an adventure
to report a fight by telling them the story of our encounter
with them. They promised to assist me. I was very careful, however,
to make no inquiries about Pitts until just as we were leaving
the town. I then asked the postmaster, (seeing B was absent)
he told me that Pitts had arrived here the day following, and
had had to come on foot! He had been off on one of the
Bussines since then. The stage driver told me Pitts was going
shortly to Boise.

Banning is in town here, but I have not seen him. I have
however, that you have started on the ground.

We have had a good deal of rain here within
a few days past, and it seems to be quite over yet.

I have read with pleasure of your friends visit
to Salt Lake, and more, by Mr. Hutchinson. Please
give Mrs. Eakin's friend Mr. Bennett and Mr. and Mrs. Eakin's friend Mr. Bennett and Mr. and Mrs. Eakin
kindly after Mr. Eakin

Give my regards to Mr. Eakin and Mrs. Stewart and her
family, and believe me, with best wishes for your success

Yours affectionate friend
Royal Hunt Lyman.

Fredericksburg 22nd March 1814

To the Postmaster at Colchester Post Office
Virginia
via Alexandria

Sir

I purchased to Mr. Brown yesterday just as we were taking leave and we left one and a half letters for me were lying at the office. I would wish to forward them to Petersburg City, but expect I am to return; but for fear he may be detained some hours there to request what I may not wish to Petersburg City or Town do if intended, I hope you will forward me the letter this immediately and very greatly oblige

Your respectfully
Mary Smith Lyman.

Virginia City, N.T., 28th Nov., 1864.

C. Aylesbe Esq. &c. &c.

San Francisco.

My dear Sir,

I am sorry I have not written you [illegible] little oftener and for you to [illegible] me to [illegible] I intended to [illegible] when I [illegible] the enclosed draft on my Uncle Edward. I find the expenses of my journey considerably greater than I anticipated, and am unwilling to forego the advantage in a professional point of view of [illegible] a few days here. Indeed, I find this country [illegible] interesting than I expected to; and through the kindness of Mr. Ashburner, the assistant Geologist of the Cal. [illegible] I am familiar with the geology and mining of this region. [illegible] I left Sacramento on Monday, the 21st inst. [illegible] way here I spent a day at Sacramento, a day at [illegible] a day at Carson City and arrived here only last [illegible] a cold [illegible] the Sierras in a snow storm. [illegible] interest a [illegible] though I visited the gold [illegible] and interesting [illegible] I saw at Grass Valley and Nevada, perhaps most of all in the hydraulic diggings.

I expect and trust in the next mail at the beginning of January next, to receive a letter from the Postmaster General informing me that I am appointed Surveyor of the Port of Boston and that my Commission will be forwarded to me. I will be much obliged to you to communicate to me as soon as possible the contents of the letter.

I remain my dear Sir,

Your respectfully yours,

[illegible]

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$1000 First Virginia City N.T. 28 March 1864

On demand please pay to C. Adolphe Low one thousand dollars United States gold coin (the second of same tenor and date unpaid) and charge the same to my account.

R.F.C. Benj: Smith Lyman

To E.H.C. Lyman Esq. 28 March 64

New York.

$1000 Second. Virginia City N.T. 28 March 64

On demand please pay to C. Adolphe Low one thousand dollars United States gold coin (the first of same tenor and date unpaid) and charge the same to my account

R.F.C. Benj: Smith Lyman.

To E.H.C. Lyman Esq.

New York.

a little quicker I thought on the matter, however [illegible] [illegible]
took an opportunity of talking it over with him more fully. I told him that I
was unwilling to accept such an offer as he made the day before [illegible]
[illegible] if I was already at; for I [illegible] think he might [illegible] of my [illegible]
[illegible] it became [illegible] to me to fulfill them, and that once [illegible]
[illegible] to find the opportunity a comfortable and agreeable way, or [illegible]
thought for any reason that I should be unable or unwilling to bear the necessary
hardships of the trip or that I should be the [illegible] a member of the party, or if he
thought after all that my services would not be worth [illegible]; they would be worth nothing; I
hoped he would discharge me without hesitation, and I should not expect his doing so. That
I, on the other hand, should not demand as a right to have the party until my expense
[illegible] was [illegible] than it had yet been; for I considered the [illegible]
of transportation [illegible] a [illegible] [illegible] of my agreement; and [illegible]
myself entitled to the transportation, to a reasonable amount of baggage, although he had
made no express stipulation in regard to baggage. [illegible] [illegible] to [illegible]
to pay myself, if he would [illegible] to my going, the expense of sending my apparatus
[illegible] [illegible] to [illegible], [illegible] the only [illegible]
[illegible] a mere trifle compared with the comfort it would give me. He was
[illegible] [illegible] in five or six [illegible] [illegible]
[illegible] five thousand pounds was that he was paying [illegible]. That [illegible]
[illegible] very [illegible]. He [illegible] [illegible] remain with him, and I was
willing to do so. [illegible] as I thought the [illegible] in many respects.
[illegible] improvement [illegible] the [illegible]. [illegible]
[illegible], for example, [illegible] [illegible] [illegible]
[illegible], [illegible] we were only [illegible] [illegible]. [illegible]
we should [illegible] [illegible]
could carry [illegible] [illegible] [illegible]
[illegible] could [illegible] [illegible] of [illegible] [illegible]
and [illegible] the blacksmith's [illegible] was taken along, [illegible] [illegible] with the
rest would be useless; so that the mules would [illegible]
the things were of a piece with those [illegible]
village talking [illegible] all the way [illegible], [illegible]
came back, told me he had [illegible] and [illegible] [illegible] I
would [illegible] [illegible] with the party, [illegible]
from [illegible] [illegible]; [illegible] [illegible] not [illegible] to [illegible] them; and [illegible]
[illegible] [illegible] any kind of instrument that [illegible]
one of the [illegible] [illegible] [illegible] matter [illegible], and agreed
very well upon them, and I think we are of anything [illegible] [illegible].

[illegible] came into the tent promptly and in effect congratulated me on my going home; for he had no fancy for the discomforts of the expedition, which he had not yet begun in the most [illegible] way. [illegible] and Lyall were very friendly in their manner toward me. Lyall had decided [illegible] the [illegible] and [illegible] was off quietly because the steamer was [illegible] by [illegible] up from San Diego on her way to San Francisco. As I got everything ready for going home immediately. The steamer came along, but [illegible] had not got back with anything [illegible] about my check [illegible]. [illegible] wagon with my trunk had been [illegible] the rest, and gone therefore a different road from them, and had consequently [illegible] by [illegible]. He had [illegible] to [illegible] the trunk unloaded [illegible] back from Los Angeles, and all the wagons [illegible] until Sunday. The quarters now [illegible] to the old San Pedro landing five miles, and [illegible] the steamer from there [illegible] the passengers [illegible] going [illegible], or [illegible] by stage to San Francisco. [illegible] the same I decided [illegible] although so much less [illegible], [illegible] the [illegible]. I [illegible] afterwards found that the passengers who tried to [illegible] the steamer from the landing, [illegible] failed, for she [illegible] right away from them, and [illegible] came in the stage with me to San Francisco. Early the next morning, I left [illegible] in the stage for Los Angeles after bidding [illegible], [illegible], [illegible], [illegible], and [illegible] [illegible] and [illegible] all in [illegible] friendly [illegible], many [illegible] sending [illegible] by me to friends and relatives. This was Friday morning. On arriving [illegible] Angeles I found that the [illegible] stage to San Francisco would not go until Monday morning before daylight. As I had two days and a half to see the [illegible] and [illegible] of the town, visit the vineyards and orange and almond groves, and a [illegible] of [illegible] [illegible]; but I found it a dull [illegible], and [illegible] on my way of [illegible]. I now began to think that I [illegible] myself in a [illegible], although I had [illegible] quite a [illegible]; and [illegible] [illegible], one [illegible] expedition, without geologist, [illegible] or surveyor, [illegible] I might [illegible] upon his keeping me with him. I was [illegible] [illegible], [illegible] in Los Angeles, [illegible] [illegible]. He [illegible] changed his plans [illegible] to appear before [illegible] for one year I would [illegible], having [illegible] the reputation of [illegible] "[illegible]" among [illegible] had [illegible].

My friend with the instrument was quite too busy with his wedding, as I found it rapidly advancing. My other friends were also busy at work on the Overland outfits; as little baggage is allowed on these overland lines. I reached San Francisco after a fatiguing journey on Thursday evening the 21st of March. My baggage arrived by steamer the following Thursday and I got possession of it the next day. I hired an old dilapidated dray early Monday morning by the Sacramento boat that afternoon, and had nine packages to get on board. I must do and be there necessary to do them and found it impossible to get away that day; so dined and waited until Tuesday. That day on the way to the wharf I found Col. Brown, and in talking we found there were two letters for me at his office and I felt a great mind to go back for them, and very likely would have done so had I not fortunately met a stranger shortly after from my friends good old Grandmother Hall. As it was, I was on the quickest expedition to get back to the earth I ever had, and found me often from letters, and me from the vessel commencing the departure of my friends from the shore. On my way here I spent a day at Sacramento city, between that and the Cascades, and two days at Green Valley and Placerville, near the gold mining. I crossed the Sierra Nevada by the Nevada Pass at midnight in a driving snow storm, and arrived here at half past 8 o'clock in a [illegible] snow storm. This is the principal mining [illegible] and of the county. Has 6200 feet above the sea, and the [illegible] with such disagreeable marks of the winter, although it had been mild throughout the winter. The country about here is intersected by four thousand [illegible] and forbidding looking [illegible] evidently never intended [illegible] for the habitation of human [illegible], Virginia [illegible] and others.

I have hopes that my expectation that I should return overland to the East, I don't mean all my baggage to New York by express. I found on arriving here that I should want a little money for the journey, and have written to [illegible] for some. I have already seen pretty much all I wish to here, and am waiting impatiently for the money. Very likely I should not go until next Tuesday, a good day for finishing a place in the stage. At Salt Lake I shall stay a day or two. At Denver by a few days; at St. Louis, I think a day or two, to see Reid, Tenney & Palmer. At Washington I shall probably write to some of you about the time I leave that.

The Virginia party probably started from Baltimore to the Monday after I left them. Col. Brown told me on I left that it was said that [illegible] from Pennsylvania on the road. Rhoda, that is still some distance west of Pittsburgh here.

My visit here has made very agreeable and my opportunities of seeing the mining life and interest by the kindness of Wm. Ashburner, the [illegible] of the Imperial [illegible] of the whole mining operations of this neighborhood. I found him to be a very [illegible] man, and am [illegible] him. His wife is in San Francisco.

I am going to send this first to Ada. Lucy & Ada my writing was again thinning out and must [illegible] for the Lord only. I mean to send you all [illegible] a notebook [illegible] Lucy's letter.

Your affectionate Brother
Henry Hamilton Lyman

Virginia City, Nevada Territory, 2 April 1864

My dear Mr. Bailey;

While writing the enclosed lengthy account of my disappointment already on my own home, it occurred to me that I should like to tell you the same story quite as much in full. So I send it to you first with the request that you will forward it to Mary with a little delay as convenient. You may show it to Joe too, and he might show it even to Bob Scott, if the Colonel should happen to desire a fuller account of the matter than he has already from Hazlett; but it was not written at all with the expectation of Scott seeing it, but it is one of the things that will surely understand my reluctance to undergo unnecessary discomfort, when our purses provides us with so many in the most favorable circumstances. If I were invited to experience hardships from the love of adventure, I have surely got [illegible] compensation for the unnecessary discomforts and hardships of the campaign, I looked to my geological explorations in a new field; but it is likely that as much or more profit in every respect will be come from and by the practice of my profession in comparatively old fields. As to my ability and willingness to endure necessary privation your opinion (already highly favorable, I presume) will not probably be changed by this effort, although I make no doubt that if my auspices are auspicious.

I hope you received promptly and understood the telegram I sent you a few days from San Francisco. I wish I thought that you had probably been obliged to defer a little the Nova Scotia work that I expected to you come, and that it might help it on by hastening home, so that possibly there might be the work that I could get by going straight home. Besides, I thought you would be in mind from the time of receiving the telegram, the fact that I was coming on, and so it made no [illegible] for me some job that you could not do yourself. I have not always found very much that the Nova Scotia work would be a great bother to you, and that I had made any insufficient provision for refreshing you for your tramp down. I hope this all towards will show any depressing influence in this respect.

I shall probably be at Denver City when you receive this, and if you should happen to have any communication waiting there, I should be happy to receive it, and you can telegraph me about it at my expense. I have remaining instructions with me. I could undoubtedly receive a letter from you at Atchison Kansas

and with still greater certainty at St Louis, where I expect to stay a day or two. If there should be any good job for me down in Arkansas, I shall probably get home quite soon enough to accept it. It seems as if Wade Hall at Cairo must have a survey of his lands. Marshall Bonnet talked of getting godspeed with them; but I fear he will think I hardly treated him fairly about a remuneration. He ordered and I accepted that I was prevented from expecting by the coming in of winter and of the Surgeon-General. On my arrival in Philadelphia I was not even able to give him an opinion, & I shall believe I have lost him. Think I will write to Hardy that I am in the market again.

Hope to see you and hear your account of your European excursions and observations. I hope you are by this time quietly and comfortably established housekeeping again with Aunt Susan and the Children. Give them my best love.

If a possible Mary is still in New York or Brooklyn. If you should happen to know her whereabouts, please send the enclosed letter directed to her. Otherwise please send it in an envelope to Father & Ask him to keep it for forwarding it.

Very affectionately yours,

Benj: Smith Lyman.

[illegible] N. Y. 6 April 1864.

[illegible]

San Francisco.

My dear Sir,

Your favor of the thirty first ult. & the enclosed certificate of deposit & receipt for $1000 have come safely to hand, and the certificate has been cashed here without any difficulty. I thank you very much for the trouble you have taken in the matter.

I am going West not tomorrow but the first. The backwardness and severities of the season are unfavorable, but the stages for that very reason will be less crowded. I shall take with me a few specimens of my [illegible] you much gold, and expect to get through quite [illegible]

Very respectfully yours
Benj: Pratt Lyman.

Virginia City, Nt. T., April 26th 1864.

Dear Mary:

I wrote you a long letter a couple of days ago explaining how I happen to be so soon on my way home, that concluded I would send it first to Mr. Seeley to save the trouble of rewriting it, must still for his benefit, and I now will probably receive it almost as soon as he.

Mr. Wards marriage was advertised in the San Francisco papers. He is an acquaintance of Mr. Adolphus Low's and of Mr Hopkins's and both speak of him in very high terms. He must be quite an agreeable man and one of good principles. I hope by the way you will meet in New York or Washington with a brother of Adolphus Low's, George Low, who sailed for New York from San Francisco some three weeks ago. I saw but little of him, but found him quite an agreeable man.

While in San Francisco I saw a good deal of Mr. and Mrs. Barker and Miss Alice Jackson. Mr. Barker seems to be a very nice man. His wife seems to have improved by marrying. They are very hospitable. I found Miss Jackson more agreeable than ever.

I was going to write you a little lecture on account of your slighting remarks about going quite a little something of everything in Christendom, for I consider a general education the first and best thing to be acquired, and that is easy with time to acquire any more special training that may be desired; but refrain, since I perhaps misapprehend your drift.

I arrived tomorrow by overland stage from Carson. The weather here is snowy and cold; the hills about the town are white with a thin layer of snow, the streets are full of deep mud and almost impassable. The coach which seems to be at its height just now, must be chilly enough, although it has been a warm, dry season until the last week or two. I expect to have a cold all the way from Chicago, but shall take with special provisions against cold and hunger. The refreshments on the road are very poor it is said. I shall have two or three days of stage riding in Nebraska stopping, and must likely extra baggage fees!

Give my love to all,

Your affectionate Brother,
Benjamin Smith Lyman.

Virginia City, N. T., 4 April 1864.

Wm Barber Esq.

San Francisco.

My dear Sir;

I came after all very near accepting your kind invitation to dine with you the day I left San Francisco. On my way to the steamboat I happened to meet Col. Drum on whose case my letters were addressed, and he told me that there were two letters for me at his office. The office was already closed for that day; and I was so anxious and impatient about the letter that I am really afraid it was the name of the thing more than any thing else that prevented me from staying another day and bidding you good bye a third time.

I was not influenced at all by the fact of having secured a state room on the boat for I had not been so prudent as to this that; and the only berth I could get on starting was so poor that I preferred to sleep on a lounge in the cabin until the boat arrived at Sacramento at two o'clock, and left my berth vacant. Then I went to bed and slept comfortably till morning. I walked assiduously up and down and to and fro through the streets of Sacramento in the vain hope of finding something worth stopping voyage at. About noon I went to the State House, or Capitol as Americans prefer to call it, and witnessed for a couple of hours the proceedings of the legislature. They were interesting enough, but I had never seen so much of any other legislature, and so could not make any comparisons. Business seemed to be dispatched hopefully and agreeably with fairness.

I secured my passage to this place over the Nevada Pass Road by the Pacific Stage Line, which proved to be the opposition line. I don't much like monopolies and dislike to see a regular line crushed out all competition by the superior power; but so far as my own comfort is concerned I sincerely regret having patronized an opposition line, [illegible] all a regular line at the time. [illegible] this line seemed the more powerful and [illegible]

it stopped at Oppeatim hotels which are apt to be second rate in villages, where one good hotel is thought to be sufficient. I went in the afternoon by the cars to Auburn Station, and found on arriving there that it was six or seven miles from the town of Auburn, and that the "excellent hotel near the railroad" was a very ordinary one. Still, I slept there comfortably enough and was able Ollie asked a little later than I could have done at Sacramento. I also went in that neighborhood for the first time how the beds and banks of the streams have been dug over in placer diggings. A few however are now in operation there, either for lack of water or because the rich spots are exhausted. Here and there however a band of Chinese men is at work. On the way to Grass Valley I liked the rounded outlines of the country and the abundance of trees better than any other part of California I had seen; but perhaps farmers would not agree with me, for I saw the ground was stony, although it seemed rich enough compared with arable land in the east. Of course, I was greatly struck by the number of the ditches and flumes and hydraulicks. I had by good luck a seat on the outside with the driver and another passenger and could see the country well; and could also learn the character of each house thoroughly discussed, and hear some good stories illustrating the shrewdness of the Chinese in business matters altogether superior in the opinion of my companions to that of white men, accompanied by a superior education and greater quickness in figures.

I stopped at Grass Valley two whole days and saw something of the mines and quartz mills in the neighborhood. At one of the mills I made the acquaintance of a very intelligent, lively, middle aged Belgian, who was tending a machine that required little brains. He became at last almost confidential to me; told me in a good humored way that he should come into possession of $50,000 when his father died; "take it into his head to depart" a large fortune, I thought, for the old country; yes, said he, his father was a millionaire; he himself had been a wild boy and had run away; now he was visiting to persuade his father to come nearly anyway so as to make his fortune a little. He had, or he and his wife together, ten thousand dollars in real estate in that neighborhood, including one mill; also that he hoped in the commencement of our acquaintance [illegible]

His preambrife was his second; she was a German; his
a French lady; and the third, he added, should be a Russia
espoused in
wife, and gave a charming little picture of how they
in reading and talking after tea. I was
prudent woman and had
was well educated and could
one five or six years old should
the like. I was urged to come and see them whenever
to call on them when I came back from Virginia City.

The day after my arrival at Carson Valley I
ably early, an hour before the time, and left town
to Swart on & Nevada City, three or four miles,
day there. I not only saw Emmet & Clay's mill there,
but saw for the first time hydraulic diggings. Both at the
at the diggings I saw white men doing at high wages what
it seemed to me, would have done equally well at
was once more in the stage that afternoon along
who had two days before so gallantly praised the
Chinese, I ventured to express my opinion on this
with the utmost disgust that a man who would employ Chinese
deserving while in the body of the worst possible mutilation,
when out of the body of eternal punishment. There's logic!
This same driver was perhaps the most profane
California, and that is saying a good deal. In his disgust at
pair of leaders he exclaimed: "They are no more fit to be
are to be a preacher!" I had taken passage in this
hopes of lying over at night so as to cross the mountains
but the line had recently changed its schedule and
in the night. It snowed
the moon rose. From
only partially visible in
the
had
was

and remained

with the driver all night, rather than be shut up tight with eleven others inside. This Frenchman was surprised and quite pleased at my standing it, for he apparently suffered more than I from cold. At length we had breakfasted, and got down from the mountains out of the snow on to the plains by the Truckee River. I quickly came to the opinion, that has often only been strengthened, that this territory was never intended by God for the habitation of man. It is the picture of bleakness, barrenness and desolation. On the other side of the mountains they had told me of our getting in here at nine o'clock in the morning, but we actually arrived at half past three and I found that to be the ordinary time of arrival. I walked to the post office by giving my two letters, and found one there from Mattie and the other from Los Angeles about the baggage had already arrived.

On my arrival the first snow storm of the season was at its height and the place was more forbidding than ever. I got a dark room at the International Hotel, which opened from B Street to the down cellar, although from C Street it was upstairs. The next day, Sunday, I delivered your letter to Mr. Stony, but he was sick, and I could not see him. His subordinates however have treated me very politely and given me passes to visit the mines again. I succeeded so far, in finding that the mines of Washoe district, and through him got admittance to the Savage mine. He rode with me two one day to the Hopkins Mill, twelve miles, and we had a pleasant visit there. The ride was rather severe upon me, since it was my first for six years, and I had never been accustomed to mount and canter on a horse with no [illegible] saddle, nor in such heavy mud as a rainy day all. Ashburner has also given me a good deal of information about this region and California. He thinks I made a lucky escape in leaving the Arizona expedition. I am [illegible] helping since the first cost of getting [illegible] and taking my outfit [illegible]
Who should I fall in with here today but Wm. Cahuenga, the butcher, who so substantially befriended me on my way up from Los Angeles. He is here on a visit of business. The young lady who was travelling with him came in here directly at that time and has been married here a fortnight.

I have been waiting two whole days for more money, have got it today, and am going to start out tomorrow for the East. If you are not already frightened by the length of this communication, you may hope to hear from me again on my arrival at Salt Lake according to my promise.

Remember me kindly to your wife and her sister, and believe me to be truly yours, Ruy: Smith Lyman.

Philadelphia. 8 May, 1864.

Dear Mother;

I arrived yesterday safe and sound, apparently almost contrary to the expectation of some of my friends, who seemed to have given me up. I was surprised to find that my letter to Mary had not yet come to hand; but the mails on the plains have been very irregular of late. I set out from Virginia in the Overland Express, the first day and reached Salt Lake City on the eleventh; lay over one day there and reached Denver on the morning of the 13th. Denver is eighty miles off the direct line. From Denver I went up to the mountains, forty miles westward, to see something of the mining, spent one night there in visiting the mines and mills and returned on foot to Denver. This excursion to Denver and the mountains delayed me five days, rather longer than I had expected. I left Denver on the twenty fourth and reached Atchison on the evening of the 26th. The journey so far from Virginia was by stage, night and day. I set otherwise I was allowed to, but is almost all the time, on the outside with the driver, in order to see as much as possible of the country, and to save myself from being stifled inside; and I became quite an expert in sleeping on the top. From Atchison I went to Lafayette, the same night, Saturday, but had to remain there until two o'clock Monday morning. Then I set out for the East by the Hannibal & St. Joseph Rail Road, but that road is so lengthy, roughly in the running that we missed our connection

Quincy to several hours. I see Josiah Hunt is superintendent of the road he must have degenerated. The arrangements we had [illegible] were right at Quincy. From there I came directly [illegible] by way of [illegible]ingfield, Fort Wayne and Pittsburg, with a few hours delay in the night at [illegible]

I am pleased to find the Lesleys well & well. They are [illegible] Antrim, and I asked for a blue Beyond found the [illegible] well. I have not found no permanent abiding place and [illegible] the night at the Old Land House, but am not going [illegible]

Marshall Bennett of Cape Breton telegraphed yesterday from Quincy to know if I had returned and if I or Mr. Lesley would visit Cape Breton. The reply was that I had just come home & that [illegible] would have to go down there because there was not a demand for geological work here. Mr. Lesley is [illegible] with workers, and says he is glad there are some one to help him operate there. I shall have a week or two's work to finish up my last year's Cape Breton work.

I am a little lame just now from a sore ankle caused by the chafing of my boot in my walking at [illegible], and inability to take care of it on the journey home.

I am sorry to learn that Henry is suffering from dyspepsia. Epsom salts! Epsom salts!

Give my love to [illegible]

Your affectionate son,

Benj: Smith Lyman.

Address: Box of Boyd, P. L. & [illegible]
Dept.

Philadelphia: 6 May, 1864.

Dear Sanborn;

I arrived here safely yesterday, after a long and fatiguing journey overland.

I set out from San Francisco on the twenty first of March, and reached Sacramento the same night by 6 o. I staid there the greater part of one day [illegible] there was little or nothing worth seeing in the town or in the Legislature. Then I went in the afternoon by cars to Auburn, some [illegible] from there I set out in the stage for a ride of [illegible] the Nevada Pass road. Spent at Nevada Mass Valley in [illegible] and lay over until next day to see something of the gold [illegible] Thence I went to Nevada City [illegible] then in visiting the quartz veins and the hydraulic [illegible] and crossed the Sierra Nevada in the night [illegible] snow storm and reached Virginia City, the principal [illegible] of 8 or 10000 inhabitants of the Nevada Region. There I spent the [illegible] in visiting Gold Hill and Mills, the Comstock lode, and the [illegible] for some days in visits for some many from San Francisco. While there I had the daily pleasure of Mr. Wm. Ashburner's society, and held a quantum of much amusing opinion, of Stockbridge, Mass., late assistant of the Mass. State Geological Survey, on Professional service under Sam Bowles, to report on mines. He is very agreeable, and he could give much useful information in regard to Nevada, California and the other gold and [illegible] of the Pacific world. We thought that we should [illegible] by stage again from Virginia on the fifth April, but by unintelligible traveling reached Salt Lake City on the eleventh. There I stayed one day, to see the place, the people and the Lake, and with regret that I could not get more thoroughly acquainted with the people, I then continued the journey by stage. Telegraph however, was same that I learned when I reached the end of the nineteenth on the same stage, of the [illegible] of the leading [illegible]. On the nineteenth I reached Denver, some fifty miles south of the main line. There after waiting a day for a chance

[illegible] at Central City in the mountains, some forty miles
[illegible] Denver, in order to see something of the mining and quartz crushing
[illegible] it, & visit the Middle Park about which I had told them
[illegible] a good many stories, but found that it would require a thirty
[illegible] walk and back and postpone my return about six days
[illegible] of. I was in the course of the evening shown round
[illegible] at Central City, which is one mile, & it several mills; and
[illegible] for Denver on foot, the morning after my arrival. I set
[illegible] to make up for having lost in the height of the morning
[illegible] per evening, as well as chance for geological observations on
[illegible] way. Also I saved by the walk four or five dollars which might have
[illegible], having to wait in [illegible] for the coaches for nearly three hours.
[illegible] probably have got a
[illegible] reservation [illegible]
[illegible] I started it began to snow, and the day turned
[illegible] [illegible] into rain, and I was forced to stop for the
[illegible] night at [illegible] about 8 miles. The kind people were unable
[illegible] from [illegible] of my husband, my [illegible] to Tucson, perfectly
[illegible] whatever [illegible] feeling over has produced by this change in
[illegible] disagreeable one [illegible] me to go home. I left by stage from Denver
[illegible] the latter [illegible] and reached it [illegible] last Saturday night, the
[illegible] [illegible] at 3 o'clk Sunday, but since I found the
[illegible] [illegible] morning. The running of the Hannibal & St. Joseph
Rail Roads [illegible] shifters and we missed our connection
[illegible] I should have had to lie there over night. From there came
home by Springfield, St. Louis & Pittsburgh.

Mrs. Lesley has an abundance of geological orders on hand and
[illegible] glad there are [illegible] and keeps him [illegible] occupation. A Cape Boston
[illegible] telegraphed yesterday from Chicago [illegible] I am to go to Cape Boston, but the
[illegible] it would require [illegible] inducement to [illegible] forward
[illegible] [illegible] as yet. I shall send a number of the finish of my last report Cape
Boston

I long to hear from you, it is so many long days since I came. Give my
regards to [illegible], & believe me very affectionately yours.

Address: Care of Prof. J. P. Lesley
Box 2a
Philadelphia

Benj. Smith Lyman.

Richardson, 6 Aug. 1866.

My ...

I received ... yesterday ...
... Sir, having ... written ...
... Mr. Lee, and ... to
... P. O. Box ...

... in my account with my Father ...
... Should be sent to ...
... Richard ...
... formerly ... Richard ...
... Richard ... Richardson ...
... Richardson, and ... Richardson ...
... Richardson.

... Richardson ... Mr. Brown of ...

Yours affectionately
Benj. F. Richardson.

To Messrs. Geo. Griffith & Sons.
Box 1866 Richardson
Richardson.

Philadelphia, 6 May 1864

Robert Bellows Esq.
Newby (or Cow Bay)

My dear Sir:

I arrived here yesterday on my return overland from California; and regret to find that your sketch is not yet quite done. Mr. Healey has been keeping it for a few finishing touches from my own hand, and it shall receive them as soon as possible and be forwarded to you within a few days.

I must thank you again for the letter you were so kind as to give me to Mr. Randall. I succeeded in discovering his address only at the last minute, and regretted it because I found him a pleasant & gentlemanly person.

On my way home I spent two or three weeks in hastily visiting the California Gold Region, Carson, Washoe, Gold Hill and the Pike's Peak Region, and have had on the whole an interesting although fatiguing journey.

I suppose you are still at Cow Bay, probably by this time settled in your new house. I should like very much to make you a visit there; but there is such demand for geological work in these parts, that I shall not probably visit Cape Breton this year.

Address: Box 1778 Post Office Philadelphia.

Very truly yours
Benj: Smith Lyman.

March 18th. Passage from Wilmington to San Francisco $325 gold

March 18th Cash received of J. Wyeth - $325,00 gold

2 March 18th. Passage from San Francisco to Honolulu by Steamer $266,00 gold
Extra baggage 25,70
291,70 160 $466,72
30 March 18th. 3 months salary at $250 750,00
1216,72

Cash paid by Taylor Brown in San Francisco $400,00
Solar Compass (returned unsold) 200,00
600,00
Balance due 616,72
1216,72

Philadelphia, 6 May. 64.

Dear Mother.

Gen. Dana writes me that his wife is going to the watering place at Northampton, Mr. Grundy (Langhorne) to spend a couple of months there. She is I assure you a very fine woman, and I hope I may see the girls with her a little by & by. At any rate, I shall consider any attention you can show me as a personal favor to me, and shall feel very grateful. I am sorry that there is no prospect of my being in Northampton myself about that time, as that I can do nothing to help make her visit agreeable.

Gen. Dana also writes that my Commonwealth has been sent to Northampton since news came of my intention to return. If you still have them or if they should still be lying at the Post-Office I should be glad to have them forwarded to me by mail.

I should also be glad to have the French periodical that you say has arrived forwarded to me here by mail.

You would better address me still "in Mr. Hartley's care," until I am actually settled in my new quarters.

Love to all.

Your affectionate Son.

Percy Bysshe Shelley

Philadelphia 10 May [illegible]

Dr. Chas. T. [illegible]
B[illegible]

My dear Sir

Your daughter in San Francisco [illegible] the [illegible] I [illegible] and [illegible] and a small box [illegible] from California [illegible] yesterday [illegible] and [illegible] in [illegible] made the [illegible] safely. [illegible] from visiting [illegible] and [illegible] California [illegible] by [illegible] Express. [illegible] a couple of words [illegible] being [illegible].

I am [illegible] and tell you [illegible] and [illegible] amiable [illegible]. Mr. and Mrs. [illegible] seemed [illegible] very well and [illegible] although not [illegible] well [illegible] at [illegible]. I [illegible] a great deal of [illegible] pleasure I [illegible] in the [illegible] for I was [illegible] with the most friendly hospitality at [illegible], and Mr. [illegible] kindly [illegible] in the [illegible] I [illegible] a [illegible] a photograph of [illegible] will be [illegible], but you might see how comfortable and [illegible] it looks.

My [illegible] and are [illegible] after [illegible] days at [illegible] a day at [illegible] and a few days at the [illegible], [illegible] days ago [illegible] demand for [illegible] work, [illegible].

Remember me kindly to your wife.

I [illegible] Philadelphia [illegible]
[illegible]

Philadelphia, 16 May, 1864.

Mr. L. G. Bellini jr.
New York.

Dear Sir,

Your favor of the ninth instant (postmarked fourteenth) is at hand.

I have found much more work to do on the mask than I expected and have to exert myself to finish it before the end of this week.

I shall not be able to visit New York for the present. I shall be very happy to see you, if you come to Philadelphia and you will find me here any day until next Sunday inclusive at No. 137 South Fifth Street, second story back room. After that I shall be gone into the mountains for a few days possibly for six or three weeks.

I remain

Very respectfully yours.

Benj. Smith Lyman.

Philadelphia, 8 May 1776

[illegible] will free me to day [illegible] Sunday night
Then I must stay Monday in New York and get to Boston Tues-
day morning so as to be [illegible] Ohio and business there before
sailing. This will prevent me from seeing you, we might
at Northampton. There is a boat will [illegible] I may get away
from here Saturday night & my business in New York on Sunday
Reach Northampton Monday morning early afternoon, and get to
Ohio Tuesday noon; but the chances of being able to carry out
this programme are to slight [illegible] worth [illegible] on. I have
[illegible]

[illegible]

Philadelphia, 19 May, 1834.

[illegible] [illegible] uncle.

If [illegible] you [illegible] send for the [illegible] you [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] you [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], in the Boston, and [illegible] [illegible] [illegible] for [illegible] [illegible] Wednesday. [illegible] [illegible] the pleasure of [illegible] next Tuesday night [illegible] you. I shall probably leave [illegible] Sunday evening [illegible] [illegible] [illegible] New York [illegible] [illegible] [illegible] Tuesday morning. [illegible] [illegible] [illegible] in Boston during the day and then [illegible] [illegible] your place in the afternoon. If I am [illegible] [illegible] some work there [illegible] in time I shall [illegible] [illegible] [illegible] and pass Tuesday night at [illegible], which is not absolutely likely that I shall be able to do so.

Give my best love to your wife and to Miss [illegible] and the girls if they are at home. I am sorry that I shall have no chance to see the girls.

Hoping then to see you soon, I am, as ever,

Your affectionate [illegible]

Benj. Smith [illegible]

Philadelphia; 20 May. 1784.

Dear Sister,

Your Letter of the eighteenth with the accompanying pamphlets arrived in town yesterday, but reached me only this day. I write to repeat my invitation to Mary & you to come with me to Cape Ann; for I think you both to change the air & sea air would do her good. If however you can still better accommodate them at home, they can have comfortable quarters at my house, and could perhaps visit me at Cape Ann. For my movements, besides those I mentioned, she could regulate my visits. If she will go, I will gladly pay her expenses, as before, and she can meet me at Uncle Josiah's next Tuesday, or if more convenient then at the Stone House in Boston. I shall not be able to go to Northampton in any way to Boston, much to my regret. I hope this will not reach you too late for Mary to make up her mind favorably

in my last letter

Very affectionately yours

Benj

[illegible] nothing, and [illegible] ask [illegible] neighbors [illegible]
[illegible] to [illegible] and the [illegible]
[illegible] be necessary [illegible] [illegible]
[illegible] the [illegible] dollars [illegible] in
[illegible] Mr. Fairbanks [illegible] himself [illegible]
[illegible] has, [illegible] [illegible] my. [illegible]
[illegible] with him until I could come [illegible]
[illegible] or withdrawal [illegible] application or
[illegible] as [illegible] my claim in regard [illegible]
[illegible] He [illegible] me that my [illegible]
[illegible] Mr. [illegible] tells me, however, that in
[illegible] of the [illegible] adjoining [illegible]
[illegible] by the Government in [illegible] by [illegible]
[illegible] may apply to my claim [illegible] and [illegible] would
[illegible] (he says) in spite of my claims, but the [illegible] anything
[illegible] other side.

I hope then you will be kind enough to drop a line to me [illegible] Mr. Fairbanks. My address will be simply Sydney.

We arrived here this morning, late on account of the fog, and go on to Sydney by stage tomorrow.

Very respectfully yours.

Benj. Smith Lyman.

Halifax 27th May, 1836.

Thomas A. Scott Esq.
Philadelphia.

Dear Sir

I received your favor of the 19th inst. enclosing a request for information respecting the claim of Messrs Wm Wilson & Co. for property lost by the wreck of the Steamer Lexington, and in reply have to state that I have written to Mr Porter, and a deposition of witnesses for whom he will be here shortly, & will then attend to the matter.

Any further information will be cheerfully and promptly furnished.

I remain

Very respectfully Your
Obt Servt
Richd Smith Jr
Collector Customs
Halifax

P.S. With regard to the situation of the Nova Scotia mines, many persons have visited them since the claim for the Grand Canada Coal Company was strongly advised. So much calculation has been made of Mexican dollars, as compared to English currency, & so many jumps, that I cannot undertake to give the exact sum, but I should suppose [illegible]

Report in regard to the New Idria Quicksilver Mines in California
by Benj. Smith Lyman, Mining Engineer, of Philadelphia Pa.

Mr. Lyman left San Francisco for the New Idria Mines in company with Mr. Eakins; and we arrived there after 11 o'clock on the morning of the fifteenth of February last. We made a short visit to the furnaces where a bench was preparing for us and after lunch walked a mile and a half up a ravine to the mine high up the mountain, visited it in short a guide, and returned to the Superintendent's house & talked while with him and set out on our way back towards San Francisco at four o'clock. By five or three the mines had worked with a few hands (five or six by count) we came only about a distance to San Carlos and Antonio, the rest not at all. Our visit to the New Idria mines [illegible] the short distance made from actual observation, and the information acquired was chiefly given by the Superintendent, Mr. Eakins, and by other inhabitants of the locality. Mr. Eakins statements were intelligent and precise [illegible] in accordance with those others as well as with the information we had from other sources and which [illegible] we have seen.

The ore formation of the New Idria Mines appeared to be in veins of considerable regularity, dipping and strike at various angles and with veins varying widths, and the workings have already left large open spaces near the top of the mountain where this attraction seems quite wide; and the veins are called with prophetic "holes" at the mines. In this regard, if the appearances did not deceive me, the deposits differ decidedly and advantageously from those of the New Almaden Mines, which are described both by this superintendent, Mr. Aldridge, and by the geologists of the State survey as irregular deposits [illegible] with much water by numerous and the struggle for water the help of many mule gets into a tunnel. The veins of New Idria, if such they really are, can be worked to any indefinite distance in a horizontal direction or in depth, and without being [illegible] enjoyed in width and richness will not be likely to differ or the ores vary greatly from the average of the top levels about which

standing they need considerable [illegible] not very expensive repairs before they are used again. It is said that sufficiently good clay for fire brick is found in the neighborhood. Clay is also used for [illegible] the [illegible] of the [illegible] bricks before [illegible] in [illegible]. The only machines used for the mechanical preparation of the ore [illegible] three or four "jigger" machines or sieves [illegible] in water by hand [illegible] the help of a lever, and these [illegible] repair.

The ore from the mines was [illegible] to contain at least five per cent of quicksilver, when [illegible] the furnaces, and [illegible] thought by Mr. Leslie to average [illegible] per cent. It was given to the furnaces in charges [illegible] and about [illegible] charges were made in the week [illegible] in the aggregate, by all the furnaces together. The [illegible] in quicksilver was from 800 to 1000 flasks of 75 pounds [illegible]. This gives [illegible] yield of the ore:

$$\text{Product} \;\; \frac{\overset{\text{flasks}}{900} \times \overset{\text{lbs.}}{75}}{\underset{\text{charges}}{35\tfrac{1}{2}} \times \underset{\text{tons}}{9} \times \underset{\text{lbs.}}{2000}} = \frac{\overset{\text{lbs.}}{67500}}{\underset{\text{lbs.}}{639000}} = \frac{135}{1278} = \underline{10,6 \text{ per cent}}$$

Of wood about one cord and a quarter was burned [illegible] day, or 400 to 500 cords a year. It cost $2,50 a cord, and there is said to be an abundant supply of it in a pine forest up the valley of the [illegible].

Labor was said to be easily obtained, but [illegible] the wages [illegible] I have no definite information. In the California gold region, however, say at Grass Valley, miners are paid three dollars a day of ten hours, and at Washoe four dollars a day; [illegible] wages would probably be three dollars a day at [illegible].

I have also no definite information with regard to the average cost of mining a ton of ore and of delivering it at the furnaces, nor with regard to the [illegible] of [illegible] a pound or a flask of quicksilver.

The quicksilver is taken [illegible] in [illegible] iron flasks. It was transported by contract from the furnaces to [illegible], twenty-five miles, for two and a half cents a pound; but [illegible] people [illegible] the contractor lost by his contract. The road from the furnaces to [illegible] is [illegible] [illegible] [illegible] consists of very steep hills [illegible] and the [illegible] [illegible]

loaded waggon: but a small railway would make the road as very good and easy one, and the absence of rain able for more would render refineries seldom necessary. Silbury is on the good, level, village road thirty miles continued from Swanfield, the end of the railroad, and the cost of teams portable from the furnaces to Silbury may be reckoned as the whole of the disbursements after quartering [illegible] from the market are employed with the Almaden: unless the similarly increased cost of the comforts of life should enhance the price of labor.

On the eighteenth of February we visited the Almaden mines, and could make some comparison between them and New Idria. Our visit here also was extremely short.

The Almaden, as already stated, lies in quite irregular deposit and one third of the whole mining force is employed in searching for new deposits. The hills on which the mines are situated are not high above the general valley as at New Idria, so that a large [illegible] at their base would require a less amount of pumping work after things being equal.

Eight furnaces similar to those of New Idria have recently been erected by [illegible] and Harlan [illegible] the kind in the [illegible] the charge is [illegible] 6500 [illegible] eight [illegible] five [illegible] flasks) pounds of ore. Eight charges would be made [illegible] and but one, making [illegible] would be the result. The furnaces were commonly from 2000 to 2500 flasks a month, but were [illegible] the [illegible] flasks. Mr. Eldridge, the superintendent, thought there [illegible] per cent. of quicksilver; and from the last month's [illegible]

$$\text{Product } \frac{\text{from } 2500 \times 76\text{lb}}{\text{ore } 6750 \times 19} = \frac{190000}{128250} = 15\text{¼ per cent.}$$

The two quotations were thought by Mr. Wood costs $5,00 a cord; it is oak wood and the supply is said to be abundant. About 100 cords a month, 1200 a year are burnt Mr. Eldridge said it cost $17,50 a flask to [illegible] quicksilver from the ore.

They have made [illegible] with the Almaden [illegible] and have found [illegible] though the [illegible] quicksilver from this earth is only [illegible] a flask, and some [illegible] quicksilver [illegible] clumps [illegible] quicksilver [illegible]

In conclusion I may say that I think the New Idria mines [illegible] although less valuable than those of New Almaden, and that the [illegible] possession from them we ought to derive a good profit at present prices.

Wednesday 21st May.

Cow Bay, Cape Breton Nova Scotia 7 June 1864.

E. H. R. Lyman Esq.
New York.

My dear Uncle;

Enclosed please find a first bill of exchange for three hundred dollars payable in gold drawn at three days sight by Robert Bellows on the Blockhouse Mining Company, No 69 Pine Street and endorsed by me payable to your order. It is made payable in gold to avoid uncertainty here of the premium on the Nova Scotia currency with which I bought the bill. Please convert it into United States currency and oblige yourself that I owe you place the remainder to my credit.

This bill is three quarters of what I have been paid on the work that occupies me at present. I hope to send you in a few days two or three hundred dollars more of Nova Scotia currency that will be due me on a survey I made last autumn. I should be glad to have you hold the money, subject to my draft until my return to the states.

Your affectionate Nephew
Benj. Smith Lyman.

Cow Bay near Sydney, Cape Breton, Nova Scotia;
7 June, 1864.

Dear Mary,

I was obliged to leave Boston without being able even to mention in a letter you had so far complied with my invitation & accompany me to Cape Breton as I hoped you would do in Boston. I could not reach Boston until the morning of sailing a day later than I had expected when I left you, & then I was in such a hurry & confusion in running about to do a little shopping & in getting my baggage aboard the steamer during the short time I had in Boston. I told it, however, should be glad for you to understand my reason for not letting you off if you were there and if you would meet me at the steamer. I left Portland the night before & took passage from New York that I should not be able to go out there to Jamaica Plain, as I had previously.

If you made the attempt to come with me I hope you will not be discouraged but will come down here to Halifax. I got from Jasper only a pressing letter from here too, and I am still going to write him to come by the next steamer from Boston, a fortnight from tomorrow. I can hurry up my work here as soon as possible, and if you are not here when we are so longing as it would be best for you to come as soon as possible. If you can come by the next steamer after the 14th day, I will consult your passage from Halifax to Sydney in the New Foundland steamer to Monday that day at the same wharf up where you land in the steamer from Boston, and start a couple of hours after your arrival here. Your baggage going to Sydney will not be opened by the Custom House Officer. I may possibly fly to Halifax up in a little piece of business and meet you; if not I will meet you on your landing at Sydney.

When I came the other day with Bennie we had very smooth weather from Boston to Halifax but very foggy weather so that we had to go slow and blow nearly all the way. We lay over a day

at Halifax both some business and comes down the next day to by day in the mail stage. We had a Sunday on the road and the coach commonly lies by that day at Antigonish during the day but we with a couple of other passengers and a portion only of our baggage came on in an extra in the afternoon to the Gut of Canso, and had a comfortable night's rest on the ice. We reached Sydney safely about six Tuesday morning. We spent the day there, mostly in visiting, partly in doing a little business and mostly in visiting old acquaintances. I passed a very agreeable evening with the McLennans, who were very much interested in the war news on account of their having several near relatives in the armies on both sides. People down here seem to be just as skeptical of our success in the war as they were last year. Some of the principal newspapers seem to be controlled by the rebel interest that is so strong at Halifax, and the rest of the provincial press all their information about the war obtained by the very circuitous and uncertain medium of these papers. There are, however, a few good loyal men that I know down here, and I enjoy their society very much.

I find Bourinot a better fellow than I had expected to. He makes things as comfortable for me as he can and is disposed to be quite liberal towards me. I feel quite safe about my getting paid by him; he has already paid me what will amount to about seven hundred dollars in greenbacks. I have applied for another coal mining claim and have transferred it to him for a half interest in that and his other three adjoining; but as yet that may be nothing at present. The claims all promise to be more valuable than he expected, and he came near selling them for a hundred thousand dollars greenbacks; but the negotiations fell through and he could spend finish.

No more survey or reconnoissance for me down here is settled by a man of importance here; but I have some doubt as to whether he will still desire it when I am at leisure a couple of months hence, and when he knows my prices, especially as it is very doubtful whether the claim is of any value. However, that will not probably matter at any rate.

I have sent me by mail two Barker drinking cups, the bought at J. H. Hawley's. Give my love to all. Yours affectionately Benjamin Smith Lyman.

Courtlay [illegible] Halifax Nova Scotia
7 June 1864.

Dear James;

I hope you will be able to come down and spend a few weeks, and I write more especially that you will accept the invitation from Boston, on Wednesday, the twenty second inst. They work very heavily and occupy one hour more than six weeks or six hours each day, if you should delay longer you might be troublesome. I hope you will bring Mary or Maggie with you. Mary especially is invited as my vacation I thought a change would be particularly beneficial to her health. If you will let me know by telegraph that you are coming by that steamer I can secure your passage from Portland to Sydney in the Newfoundland steamer, the Merlin. This steamer leaves at 12 noon of each day, which you could do Halifax, and with a couple of hours after you arrive. Your baggage coming by her to Sydney would not be opened by the Custom House Officers at Halifax. You might perhaps prefer the more convenient route by the steamer that leaves Boston every Monday and Thursday (Wharf) for Halifax, Passamaquoddy, touching at Portland and Eastport. From Halifax you could take the train, and go from there to Windsor; thence daily by the fast mail steamer or by the tri-weekly mail by railroad to Truro and thence by stage. But the stage route is very fatiguing, obliging you to travel a couple of nights all night, and to give you a night of a good bed after the journey.

If you will come I will not only pay your expenses up and down, but, if you will help me in my work, will pay you at the rate of a hundred dollars a month (greenback), while you are here. If you have not cash on hand enough to pay your passage down, you can draw on Uncle Edward, drawing him to say he will have some money for me by the time you receive it. If you will come, suppose that your friend Gallagher will accompany you down as far as Halifax you could stop off, and that would give us a day more.

I find Barnard a very good natured, generous fellow,

a little low spirited, but feel quite sure of his paying me any
He has already paid me ~~[illegible]~~ will amount to some seven hundred dol-
in greenbacks. He seems very anxious to make me as comfortable as
possible in the matter of living, an ~~[illegible]~~ that I did not observe in
my employers or their agents last year down here.

I have applied for another mining claim adjoining his three claims
here and have transferred it to him for a ~~[illegible]~~ gold dollar when
he shall sell all four; but say nothing of this. I hope it will prove
quite a little "spec." for me, since his claims are more valuable than
he expected them to prove, and he valued them before at a hundred
thousand dollars greenbacks.

Please send me by mail two of those mosquito nets to throw
over the head such as may be seen perambulating in front of the Park
on Broadway. I tried to get one when I was there but could not make
the change (one dollar). If you come yourself with a willingness to work
in the woods bring one for yourself also. They are manufactured by some
body of the name of Green and his name may perhaps be found in the
directory, if the peddler is not to be found on Broadway.

I wish to have you would subscribe for me for the New York
Evening Post, semi-weekly edition, for a year, and give them my address
"Sydney, Cape Breton, Nova Scotia."

I ask you to do these things hoping not to trouble you much
about them as far up town as you are, but thinking that you can perhaps
ably attend to them though some errand boy attached to your office.

I meant to ask you when I was in New York if you had the
file of the Commonwealth. If you do not I wish you would save
up all the numbers you may happen to have now and what you may
receive in future; for I have kept a file of them up to my departure
for California, and should like to complete it and still wish to be
at liberty to part with the numbers I may receive while away, from
home.

Your affectionate Brother.
Benj. Smith Lyman

Coal Bay, [illegible]
8 June, 18[illegible]

My dear [illegible],

[illegible] arrived here only a week ago [illegible] made the [illegible] [illegible] at [illegible] the day after [illegible] with [illegible] and [illegible] across the bay and [illegible]. The [illegible] at the head of the [illegible] [illegible] by a [illegible] of stone. [illegible] beach [illegible] feet thick and [illegible] we could not [illegible] it. The [illegible] effect of [illegible] feet of good coal, besides [illegible] of clay and [illegible] above the bed [illegible] feet of coal. The [illegible] worked by [illegible] the coal [illegible] worked [illegible] at [illegible] the north [illegible] the [illegible] is [illegible], and the [illegible] [illegible] the [illegible] bed [illegible] coal, [illegible] I think [illegible] last year at [illegible] Bay [illegible]. I think [illegible] at the [illegible] end of the [illegible] of Coal Bay [illegible] as the coal [illegible] near Mr. [illegible] a little bed on this side of the bay, and [illegible] the [illegible] coal. This [illegible] [illegible] the same as the [illegible] and [illegible] the same as the [illegible] [illegible] is what you [illegible] my Coal Bay section. The [illegible] and [illegible] [illegible] [illegible]

[illegible] we began boring [illegible] for the [illegible] [illegible] according [illegible]

[illegible] ago. [illegible] was [illegible] getting [illegible] the [illegible] and was
[illegible] preparation for [illegible]. The next day [illegible], they bored to
the depth of twenty one feet and [illegible] through a [illegible] bed of [illegible]
Mr. Smith the [illegible]; [illegible] that [illegible] [illegible] one and a half feet of
coal were in the first [illegible] and [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] through [illegible] without knowing it, and [illegible] it outside
[illegible] [illegible]. I can only account for his doing so by his being fully
[illegible] that the coal would [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] and so disregarding the evidence of the boring as [illegible].
[illegible] [illegible] [illegible] the [illegible] this [illegible] [illegible]
the [illegible] that requires a good deal [illegible] [illegible] [illegible] [illegible]
[illegible] and [illegible] preparation for boring a quarter
of a mile northward from the [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]. Smith [illegible] [illegible]
[illegible] the [illegible] [illegible] and [illegible] an account of them; [illegible]
a good part of the time in running and [illegible] [illegible]
[illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] some letters. [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]. I [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] about [illegible] [illegible] and the [illegible] [illegible]
[illegible] said that [illegible] [illegible] [illegible] would [illegible] [illegible]
a [illegible] at the South [illegible], and [illegible] [illegible] [illegible]
[illegible]. I told him not to [illegible] [illegible] [illegible]
I [illegible] the [illegible] [illegible] with [illegible]
[illegible] of [illegible] [illegible], for the [illegible] [illegible] [illegible] [illegible]
[illegible] and [illegible] faith in the value of the [illegible] in [illegible]
[illegible] to go [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]
[illegible] [illegible] whisky but [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible], but [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
after having [illegible] [illegible] [illegible] [illegible]

2

I spent Sunday in writing on a table for a room of Mitchell's
much during Convention of 1787 in a cave [illegible] in
and of his house, about one mile below this town. Then of Mitchell with him
ab[illegible] in[illegible] and spent the evening in hearing Washington the
Table to the most. This is still unfinished [illegible] and I propose
one next Sunday, together with the reports. Hope to open by the
of the New Bay Road. Mr. Poyle next Sunday before Monday is out.

Your friends in the city inquired after you very
often and well. We were much pleased with your picture. Of Mrs
Thomas Butler, and said he should be glad to send you a copy of his
portrait for a while; and that your address for Washington. After
him I should [illegible] would like. I passed a very pleasant evening
with the Marquesses who was much interested in the war
[illegible] Lafayette [illegible] into a series of letters with
Marquesses & Virginia Convention. I was [illegible] on the occasion
of our future success as they were a year ago. [illegible]
[illegible] with us yesterday, Mr. Hayman, [illegible] me a few minutes
while I was at work in [illegible]. Mrs. Lighty is as charming as ever, and her
daughter [illegible] healthy. Miss Lighty [illegible] daughter
[illegible] in Newark. Miss [illegible] is in the country at the [illegible]

I [illegible] Dennis on the whole much better than I expected to.
He is very good natured, [illegible] generous, a little [illegible] Irish;
[illegible] great [illegible] in business matters. At any rate I feel safe in
saying he [illegible] already paid me what will amount to [illegible] one
hundred dollars in greenbacks. I applied in Philadelphia for another
[illegible] covering the corner and early the corner of Mitchell's
Cemetery. Barnard [illegible] claim. This was all that was
vacant in all the basin. I have [illegible] the claim of Barnard
not for a [illegible] of the proceeds of his sale of all four claims.
He now [illegible] his claim is [illegible] I have told him
as much more valuable than he thought the last quarter when he
valued them at a hundred [illegible] greenbacks. He [illegible]
has very well indeed and is for more anxious for my comfort
than anybody were for over three last years.

Captain Parrott and Head have been busy at the claims near Bridgetown. They first went up to Wallaga yesterday. They, above you and me & Bourinot, know of some two or three years ago every thing that we knew about Cape Breton Coals: but still help about the identity of the Macauley and Ross & the underlay of Phalen and Gallivan & Bridgeport beds, and to claim to have the Grenville Bed under their Rights Bed.

Bourinot and I are living at the house of the Stephen Uniacke, she was formerly Stephen Uniacke Cunard Young Bourinot and I sleep out and eat in the house, but he insists on my having the best of every thing when only me you can smash. He is very polite, able, affable, amiable, agreeable, vegetable person, & a letter from his father is always welcome, and vegetating myself, in the matter of living. He gets simple food in army and I am getting much a better man than ever I was. If I get the coals I want for, I shall be quite a little good Canadian Tory & give needed impetus myself for the benefit of the Intercolonial Railway.

I saw Hendry at Wallaga and took counsel with him on the whole story of this disjointed Continent. Chas. Tupper & Hendry with Conroy about the Carriers Cove Case. Tupper is always personal character and Conroy manly & supported by the House. His father would not [illegible] his office, but he did not make it [illegible], pushing confidence of ability & he as well as Annie. Parrott and Head [illegible] he had several befriended them between friends or even of friends, Johnson, Attorney General with them and of the opposite party & Hendry befriended him in a fortnight. Henry, now Attorney General with the Chronicle & this [illegible] and pain against Hendry in favor of Campbell. The Mining Law [illegible] strongly changed, the former Gold Commissioner, Hamilton, has [illegible] Chief Commissioner of Mines and is there only to be a political Mining Engineer & Inspector and Gold mining Operations; and Hendry and Parrott have no longer any connection with the Province. Hendry seems a very good chiel, probably incompetent of [illegible] troubles. He has several children, a large old fashioned house [illegible] from the centre of town. His wife and children are [illegible] should like immensely to remember you.

Give my love to Annie and Maggie if they are still with you.

Yours affectionately, Goldwin Smith

Cow Bay June 9th 1864.

A. L. Fairbanks, Esqre
Commissioner of Crown Lands
Halifax.

Sir,

Understanding that an application has been made to the Government for a grant of the whole Bay Beach and the north shore of Mire Bay, Cape Breton, I hasten to submit a protest against any such grant:— without regarding merely the policy hitherto generally pursued by the Government of Giving similar grants and Leases of ore to the public, I wish also to remind you that it may become desirable to parties interested in neighbouring Coal mining Areas to have a Ship Canal through this Beach for the conversion of the present mile into a Harbor for the shipment of Coal. I have myself in connection with others the intention of applying to the Government for permission to construct such a Canal as soon as the meeting of the Legislature may enable an act of Incorporation to be passed; for this, I deem to afford a very convenient shipping place for a large body of Coal that underlies the area on which I have obtained the right to search for minerals. It may be proper to add that the search I have undertaken at considerable expense is likely to benefit eventually not merely myself but the county at large, so that for reasons could ask more reasonably for a delay at least of any action upon the application for a grant of this beach.

I am,
Sir,
Yours respectfully.
Marshall Bourneuf.

Cow Bay, Cape Breton, 10 June, 1864.

P. L. Hamilton Esq.
Chief Commissioner of Mines,
Halifax.

Sir;

I send you herewith a sketch in conformity with the plans of the Crown Land Office to illustrate my recent application for a License to search for Minerals at Cow Bay. I understood Mr. Hendry of the Crown Land Office that he would prepare such a plan for you, but infer that I was mistaken from your not sending me the blank bonds through Mr. Marshall Bennett as you promised.

Hoping that I may soon receive the bond from you so that it may be properly filed and the grant made out,

I remain, Sir,

Very respectfully yours.

Benj. Smith Lyman

Benj. Smith Lyman in account with Robert Bellew Esq.

		Dr.			Cr.
30 Nov. 1863.	To Expenses of Trip to Trip Harbor as in special account rendered	$22,23	16 Nov. 1863.	By Cash	$ 250
12 June, 1864.	To Geological and Topographical Survey of Coal Leases at Cow Bay, C.B., two months labor at $200 pr	400,00	7 Dec. 1863.	By Cash	150,00
		422,23		Balance	400,00 / 22,23 / 422,23

Cootamundra, near Sydney, Cyclostatin, Australia,
1st June, 1864.

Wm. J. Young Esq. Philadelphia.

Dear Sir,

My friend, Mr. David McKeen, County Surveyor of Crown Lands, has been looking at my Hansom, and wishes to have one like it, and if possible of yours making. Before definitely ordering one, however, he wishes to know how soon he could probably have it sent to him, and what it will cost. He is anxious to have it as soon as possible, and I gather from what you told me that you will hardly be able to attend to it soon enough. I told him what mine cost, but, however, you had raised your prices since that time. He does not feel able to pay a large price, but as long as gold is as dear as at present, he could afford to pay what is usual. I should be very much pleased if you could serve him; and I beg you will drop me a line about it as early at your very earliest convenience.

My Hansom arrived here in good condition, but the axle arms of the plate very badly bent, so as to render it quite useless until you repair it.

Very respectfully yours Benj. Smith Lyman.

Cow Bay Cape Breton 24 Jan 1864

P. L. Hamilton Esq.
Dep Commissioner of Mines.
Halifax.

Dear Sir;

Your favr of the sixteenth is just at hand. I return you herewith the bond filled up as required, and remain sir

Very respectfully yours.
Benj. Smith Seymour.

Cow Bay, Cape Breton, 24 June, 86.

General H. K. Strong,
President of the International Coal Company,
Sydney.

Dear Sir:

I must beg finally to decline giving you the communication you requested of me in regard to the Coal rights of the International Company: and my excuse is the delicacy I feel in respect to Prof. Lesley's concern in the matter. It seems to me that to give you the facts you desire would be helping to rob him of what is justly his due; and that would be especially unjust in me, as it was in the capacity of his assistant and through him that I gained the information in question.

He has undoubtedly still in readiness his report upon your coal claims, and it could be made available in New York as soon as any report of mine, and, by the help of telegraphing to him, even sooner.

I remain, dear sir,
very respectfully yours,
Benj. Smith Lyman.

Cow Bay, Cape Breton, 24 June 1864.

J. H. Converse Esq.
Sydney.

Dear Sir;

Yours of the 21st of June came duly to hand. I should be happy to meet you soon as you propose but cannot conveniently see you at Lyons on your arrival tomorrow. Should you find it convenient however to drive out this way, you could easily find me either in the house or at my field work. Mr. Burnish and I are both living in the house of his Skipper Mr. Smith, half a mile above Mr. Archibald's mine; our borings are a mile and a half nearer Sydney, near McKenzie's house on the Cow Bay and Sydney Road; and my surveying for the next few days will probably be still further along that road towards Sydney.

I have been trying for two or three Sundays to get over to Glace Bay to pay Mr. Poole a visit, and hope once more to succeed day after tomorrow. If you should be there at that time, I could have the pleasure of seeing you then.

Very truly yours.
Benj. Smith Lyman.

Cow Bay, near Sydney, Cape Breton,
1 July, 1864.

John W. Sullivan Esq.
Brockville.

Dear Sir,

Your favor of the thirteenth of June is at hand, and my high regard for Mr. Fenton, whom you mention, makes me anxious to reply respectively to the questions you propose.

You ask first, "Is Nova Scotia Gold, Copper, Lead, Silver or Coal worth [illegible] most certain to yield heavy dividends." It seems true that Coal by all odds bears the palm for certainty of profit, where the [illegible] are large, because coal beds are far more regular than veins of ore and can be calculated on much more surely; to say nothing of the [illegible] uncertainty in the art of mining and refining the precious ores. My information in regard to the yield of the Nova Scotia Gold Mines is probably not much fuller than your own. The official returns of the average yield of the ton crushed, make it quite small [illegible] when compared with the California gold quartz, but I do not [illegible] in the case of Nova Scotia quartz mines are the actual costs [illegible] of the ton. The land [illegible] and particularly [illegible] offer an unlimited field and opportunity for mining speculation, and perhaps equally good chances can be found in Pennsylvania or elsewhere in the States than coal fields are opened up near and then by new railroads. Coal mining rights here are not sold, but are granted temporarily by the government. A right [illegible] for coal costs twenty dollars cover four square miles and lasts a year; during that time a square mile may be selected and a lease of it obtained for fifty dollars; if effective operations are begun within two years, a lease is given by the government for a royalty of ten cents a ton. I will send you a copy of the mining laws of the province. The coal claim you speak of on Boulardarie Island is probably sufficient to contain within its square miles only seven hundred acres of coal. I know of no such claim on Boulardarie [illegible]

on a [illegible] at any rate further from Sydney than you were told. I think the claim must be that of Collins and Bowen on the little Bass & Co., near North Sydney, opposite to Bumbalas Island; but I believe [illegible] in reality only one bed of coal there. With regard to the money value of the claim I can give you no idea as nothing made at least a cursory examination of it. The price demanded for such claims are naturally exceedingly various, even aside from their real difference of value.

I should not be sorry to form a permanent connection for a salary or for a salary and part interest, with a thriving Company for such merits and character as you think fit; and should be happy to hear from you further on that point. I have no engagement at present beyond the next ship or two I receive.

You would doubtless find it an agreeable summer excursion perhaps combining by a visit to Port Phillip; and you might perhaps find here some opportunity for mining investment. I am [illegible] occupied in opening the coals upon some adjoining [illegible] of five square miles and belonging to Mr. [illegible] and I expect to prove out at least four [illegible] of a mile each with three or four workable seams may be selected from them. A good harbor can be made at a comparatively small cost at Balmain Bay Beach only four miles distant from the centre of the main body of the coal.

I remain, dear Sir,
Very respectfully yours
Henry Smith Lyman

[illegible]

[illegible] July 1761.

[illegible] Esq.

Dear Sir

[illegible]

[Copy.]

Little Grace Bay, 4 July, 1864.

L. P. Fairbanks Esq.
Washington

Sir;

Mr. Joseph H. Curvan in presenting you this will inform you of his willingness & withdraw his application for a License to Work within the Right Island specified for by me last fall at Big Grace Bay. I beg, therefore, you will please in this case to grant the application of mine, Virgin Mines in my filing the book heretofore because of his recent application.

I remain Sir,

Very respectfully yours
Benj. Smith Lyman

Cour Bap. C. B. 1st July. 1864.

P. S. Campbell, Esqre
Chief Commissioner of Mines.
Victoria.

Sir,

Your favor of the 2d inst. is at hand enclosing the receipt for twenty dollars paid in application for a Right to search at Tolbe Bay Lake.

You say that this Right is already covered by the Licenses of Mr. Cowan, but desire to call your attention to the fact that his claims as it appears upon the official plan would contain but three square miles on the main land; and which is under 2 two miles, its western boundary is made some three miles long apparently for the special purpose of not including the Lake, nor the Land Eastward of that within the two square miles. If this error should seem reasonable to you on a re-examination of the plans I beg to enter my application for a Right of search on the Lake and over the adjoining portion of the peninsula to the East of Tolbe Bay Lake.

I have the honor to remain,
Sir
Your most obdt. Servt.
Marshall Lorentzen

Cow Bay C. B. 7th July 1864.

D. S. Boomilla Esqr
Chief Commissioner of Mines.
Halifax.

Sir,

Your favor of the second instant is at hand
and the two receipts of twenty dollars each paid for
a renewal of two Rights of Search near Cow Bay.
I send you herewith the original licenses to enable
you to endorse the renewal from your end.
Have the honor to remain
Sir,
Very Respectfully
Your most obdt. Servt.
Marshall Bowman

Bay . 2, 10 July 84

[illegible] The letter of the nineteenth has come to hand. I write from a station [illegible] am in the very midst I have not written since a matter of [illegible] and can only write and send [illegible] you will see from [illegible]

[illegible] found in my [illegible] in the north end of Port Bay did [illegible] and Mr. Campbell had gone to the [illegible] and Lewis had returned [illegible] Wilson in the South Head of Port Bay, which I spoke of in my [illegible] all difficulties. The bed at the very tip of the Bull Head [illegible] about 260 feet above the water. When we first visited Ross's mine [illegible] you take the course of the coal which appeared to [illegible] 6°20' E.; and you will then have in your rule both the [illegible] Last night I looked up these rules and found [illegible] my recent surprise. I am going on this week to [illegible] and prove the fact, with the help of the data given by [illegible] of the coal in the head. The coal there is said by [illegible] to have [illegible] 2½ ft coal, in the middle 2 or 2½ ft. clay, and then 5 ft of coal. The [illegible] resting is 2½ ft of clay and the upper and lower benches contain [illegible] of very fine coal. This will add much to the [illegible] value of the Blues Bay and Intermediate leases. This account [illegible] of coal at the shoulder on the north side of Big Glen Bay Lake. It reminds me for some story of Parrott and Neville [illegible] will on their claims [illegible] a bed that [illegible] It also adds much to Wilson's credit for [illegible] consider before that Wilson was a thickening of a three foot [illegible] that lies below it, which is really as thin as 6 or 8 inches in the best [illegible]. I had also thought that Wilson's coal might be the Bull Head [illegible] above it. The end of the Head the Bridgport is on the [illegible] The coal at Little Low Head [illegible] resemble Ross's quality [illegible] it great deal to [illegible] number of workable seams of [illegible]

BC.1

who found on Bonnie's claims. The identification that I expect to make will run on all fours on this side and add Colonel and [illegible] of the Macauley, Spencer, and McPhail seam runs straight to Spencer is the Bridgeport or Campbell Red, and it has been found on the shore on the north side of this seam by Bellamy and found 6 feet six feet four inches more of slate or shale and then it is followed by a seam worken of the thickness of [illegible] below all [illegible] in. Mr Thompson made Bellamy and his people take this & the Macauley Red, especially as what is really the northern end of the Macauley Red pretends to spring to give only some three feet and a half of coal in most sections. This I am convinced is the Back Pit coal, and its section and quality corresponds very well to what you noted at the Back Pit in 1862. Even at Archibald's this is true, but the coal is there a little thicker, which on the north side of this basin it is thinner than at the Back Pit. In our borings, we succeeded only yesterday in finding the Macauley bed, and the boring passed through the five feet three of coal with fifteen inches of slate or bony coal in it. My trouble in finding it arises in part I think from putting faith in a story that made the coal in front of McCurry's house to be the upper part of the Spencer Red, while it must be the lower one fifteen feet below, and also in part I fear to an error in my running this coal past McCurry's last year, in June. I am confident, still, that we should have struck the McPhail [illegible] pit [illegible] was not a pit worken at the depth of seventy eight feet. Such time has been lost in digging a couple of deep pits on the [illegible] Island within fifty feet and not finding and I fear now that even this boring is so far in that direction as to give us only coal, passing on deep to find rock. I have ordered a morning's [illegible] for a boring for the Wilson Coal, and digging will recommence tomorrow. I examined the end of the South Head of East Bay to-day, from that Wilson had about eighty acres only. This coal and [illegible] strikes S. 32° E., very different from whatever [illegible] on this [illegible] the bay S. 7½° E. I have now rounded the head of East Bay to [illegible] mine, and find that coal to be just about two thousand feet below Wilson's supposing the dip & the uniform from here [illegible]

which I doubt. I think [illegible] in making the whole of that [illegible]
side of the South Head and perhaps [illegible] a section, [illegible]
more [illegible] the depth of the [illegible] coal below the [illegible], [illegible]
[illegible] for it. I have this [illegible] been measuring out the Sydney
[illegible] to the Big Blue Bay Road nine or ten miles from Sydney and
then [illegible] the [illegible] with the end of my [illegible]
going [illegible] near the head of Big Blue Bay. On the Sydney Road I
found [illegible] marked and [illegible] are there, and [illegible]
[illegible] in two other places, and [illegible]
in one of them. [illegible] continues straight for
a mile or more west of our boring, and makes strong indications
[illegible] of Mr [illegible], so that I feel confident
[illegible] of the coal from the [illegible]
[illegible] boring and as the Archibalds expected would confirm
[illegible] within [illegible]. This discovery of the fact that the
[illegible] permanently workable [illegible]
[illegible] a [illegible] of coal [illegible] claim they [illegible]
[illegible] fields. [illegible] to make [illegible] borings
[illegible], but [illegible]
[illegible] money in borings [illegible]
[illegible] money. Blaxland has [illegible] very hard [illegible] about the
[illegible] Coal. By his penny wise and pound foolish policy they
have become [illegible] to the very worst of all the [illegible]
[illegible]. I believe there is not so illiberal as Blaxland.

I have a long story to tell about my [illegible] at Big
Blue Bay which, you know, I was intending to give to [illegible]
and his assistants, Messrs. Emery, Howe and Hubbard. When Mr.
Bonnick and I came through Halifax he was so kind as to [illegible]
[illegible] for me [illegible], which was all that [illegible]
[illegible] last December, and which [illegible]
[illegible] for me after my departure, at the [illegible]. The [illegible]
was all ready, [illegible] and in Mr. [illegible]
[illegible] case; but he was unwilling to give it up to me because the
[illegible] had [illegible] from a [illegible] to work within [illegible]

[illegible] much surprised then [illegible] at this action of Conway's, for I had never definitely stated to him that I intended to do with the claim, and had been waiting for some weeks to receive his answer before commencing with him about the [illegible] application. I had felt sure from Hastings' [illegible] in relation to [illegible] and Howe about my application giving them to understand that it was in their interest that I made the application, that they'd write to the claim should belong to them & some strangers, and if they had seemed to feel such interest in the matter I might have [illegible] their offer with them; but they did not, and only Mr Howe expressed to Thirlow that it was [illegible] all of them would very likely I had sold my [illegible] dollars, a very small bargain, and had many doubts as to whether would finally do with the claim, having good faith in its value, whether it should be given unconditionally or nothing to them, now or by and by; and meaning to say nothing to the one [illegible] of them. I should determine [illegible] and tell something of [illegible] my claim to Thirlow & [illegible] of Fairbanks's suggestion I wrote to Conway asking [illegible] I should do. His reply expressed regret at my [illegible] my motives, and never got a word of recognition for my efforts in the matter nor for my twenty dollars. I saw him [illegible] ago at Little Rock Bay, and in [illegible] of it he and Mr Howe both seemed afraid offensive that they were receiving from me anything more than they had had from the [illegible] I remarked. I found that Conway had obtained the Receiver Generalship. I [illegible] I saw him on the steamboat Redfield; but I forgot all about it, and I am sure I never charged him with the money, for I was [illegible] & not knowing until this summer that he cared enough about the [illegible] for it. They seemed offended at the little interest in it that I was willing to ask Mr Howe and Mr Conway the [illegible] Hastings last winter, and upon Hastings giving them a [illegible] offer

3 3

him [illegible] nothing got to bind. I shaigleand of the matter & drank
[illegible] asked my hands freely got by giving Mr. Conway a letter to
[illegible] to claim them and to them and another letter to
Fairbanks regarding him to join by hiring to Mrs. Conway, who is
to withdraw his former opposition as to take out a more re-
cent date.

Conway and to others leave at their disposal two rights of
search in the names of Mrs and John Campbell, west of the Victo-
ria and Lewes, and by these conducted to have one open
works two days I am done here, and I agreed with co. The
Salem Red affair will be a good thing for them, especially if it
does not get wind to-morrow. Bennett will also have a little of
it. But in the [illegible] this kind of thing.

[illegible] and Hawkins subbeginning also to open
[illegible] Red on the Conway lease. They had begun to have
a drain down the [illegible] of the Clair, and as that
flows the well below water level [illegible] work gradually
& work level nothing reached. It found however that they
would probably strike level [illegible] coal only in
about one or two feet, and it was decided to be much
better to give up their digging and [illegible] a drain direct from
the [illegible], a distance of about one hundred feet, easily
done having a good way when the work level got and passes under
the heavy [illegible] Logs on the Clair. On my return we had
Monday morning I pointed out the line to begin to drain in a
close and the [illegible], and I am sorry to hear they commenced
and are [illegible] upon. I shall pay Sylvan a visit to-morrow
or [illegible] I finish my writing with the Capt. Col. Shirley
Hawkins, who was about an is acting as [illegible] for Mrs
and has been [illegible] under him. He started daughter, Mary Ann
has been married to the [illegible] Sylvan is
living at [illegible] Hope Bay.

Mr. Conway also emailed me as to my [illegible] in equal
weights. The [illegible] of the work

Henry either by Sidmouth means or possibly by them. I proposed to the directors
to found a similar one on many accounts, but requiring a big salary, very likely
£ a year for them, but I made no definite proposal as to sum. Reynolds
answer, is courting you one for the superintendent of the works and
mines, and that would probably run to the much larger sum Cornwall
in order to work four or five or more leases at once. I should natu-
rally prefer to stay here, especially as Sir Richd Bromhead and his men will
be willing as well as from the extent of their works able to pay a large
salary than Cornwall and his. Perhaps you think me very selfish
to grasp at such enormous responsibilities, but I think [illegible]
directors in the shipping superintendence line, and not [illegible]
a year or [illegible] at being conducted [illegible]
penitentiary standard, the superintendent can be saved a vast
amount of care about details and as manager quarterly [illegible]
work. I have in fact some fancy for being employed, if possible,
by [illegible] in this way, say a dozen with a
good salary from each, to visit them all frequently and by
them should about their general plans of operation, while the
superintendent of the shaft, post to most [illegible]
Bellair and say Blowers Ac[illegible], many [illegible]
me at a few thousand [illegible]
me not to [illegible] below their value, I [illegible] no desire to obtain
permanent situation; for I could [illegible]
[illegible], especially if [illegible]
[illegible] Cornwall [illegible]
to Cornwall my [illegible]. I was anxious [illegible] many years [illegible]
to see [illegible] my other [illegible] Cornwall in the
house from C[illegible] [illegible] to [illegible]
I should [illegible] Europe [illegible] my name [illegible]
seems to [illegible] to [illegible] you any candidate
to [illegible] [illegible]. I have my
[illegible] I only beg for [illegible] attractive young virgin.
[illegible] large income I salary I [illegible] by the
[illegible] of [illegible] you, has written [illegible] discuss & negotiate
[illegible] engage [illegible] [illegible]

Currency [illegible] [illegible] in [illegible] of the [illegible] of the [illegible]. I think a [illegible], especially [illegible] should be [illegible] because even in the States the fluctuations in the relative value of gold and Currency [illegible] correspondingly [illegible] in the [illegible] of [illegible] and much in a country like this not quite [illegible] from communication with [illegible]. What do you think of five thousand dollars in gold a year? Is it enough, too much or too little? Young [illegible] who [illegible] at [illegible] of my age, a [illegible] more [illegible] of Harvard, [illegible] in [illegible] from a year [illegible] in the [illegible] mines, [illegible] and [illegible] [illegible] of [illegible] from the [illegible] [illegible] in England. The [illegible] I [illegible] [illegible] continually as I [illegible] enjoying [illegible]

I nearly forgot to tell you about my encounter with Mr. [illegible]. He came to see me a fortnight ago along with [illegible], the [illegible] of the Intendant and Mr. Martin, their [illegible]. The General and Mr. Martin [illegible] a [illegible] and [illegible] go and examine their claims and make [illegible] [illegible] on them. [illegible] [illegible] in the [illegible] of the [illegible] that he [illegible] [illegible] the world [illegible] [illegible] very [illegible] in [illegible] they are in [illegible], but [illegible] [illegible], but he [illegible] [illegible] [illegible] and [illegible] without seeing the [illegible] of the [illegible] [illegible] of [illegible] I have [illegible] [illegible] but [illegible] [illegible] [illegible] and Mr. Martin [illegible] in [illegible] [illegible] [illegible] something, [illegible] [illegible] [illegible] for a more detailed report. They [illegible] [illegible] should go to Sydney [illegible] and give them such a letter. Instead of that I wrote the General that I could not give them such a [illegible] [illegible] [illegible]

[illegible] that point the information is [illegible] an assistant against [illegible] interest in the [illegible]. [illegible] of this [illegible] [illegible] there [illegible] a [illegible] other [illegible] [illegible] in [illegible]) I suggested that your report would [illegible] the [illegible] quality [illegible] mine, and [illegible] the half of the [illegible] bill [illegible] but [illegible] that this [illegible] was [illegible] for the [illegible] of getting something cheaper than your report that would answer the purpose; but if I had examined their [illegible] [illegible] I would have charged as much in gold, and under the circumstances would have charged at least four hundred dollars [illegible] for anything less [illegible] it was to you.

[illegible] report, by the way, is not yet finished [illegible] [illegible] [illegible]. I shall call [illegible] [illegible] [illegible] [illegible] half [illegible] he has [illegible] me, and when I get paid [illegible] send you a draft for one half of the whole pay, that is for [illegible] hundred dollars [illegible] Currency.

Mr. Converse showed me [illegible] plan and [illegible] and [illegible] gave me a high idea of [illegible]. He [illegible] very fine man as well as skilful engineer. I have talked of [illegible] [illegible] [illegible] he was beginning to think of [illegible], and I think [illegible] with [illegible] to get [illegible] come down here and report upon the [illegible] of False Bay Lake at False Bay [illegible]. [illegible] has [illegible] [illegible] [illegible] fronting [illegible] 990 feet on the best part of the lake, and the point is only four miles from the [illegible] [illegible] part of the Coal Bay [illegible], and of a large body of coal [illegible] his claims and the topography is very favorable for the [illegible] of a railroad. [illegible] is only waiting for [illegible] [illegible] of the presence of the coal, before applying to [illegible].

[illegible] did not [illegible] [illegible] his [illegible] [illegible] on our way [illegible] [illegible] out yesterday, and he is almost in despair of ever finding coal. But [illegible] [illegible] [illegible] he heard of the discovery of the [illegible] Coal. His wife is soon to be confined, and [illegible] [illegible] more anxious to [illegible] [illegible]. I am sorry [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] the [illegible] [illegible] about his little boy, and [illegible] [illegible] [illegible] [illegible] [illegible], and [illegible] [illegible] your [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] Bennick [illegible] very well, and [illegible] [illegible] [illegible] [illegible] [illegible], although [illegible] [illegible] getting alarmed at the [illegible] of the [illegible], with no apparent [illegible] [illegible] he had [illegible] [illegible] [illegible] [illegible].

Give my love [illegible], [illegible] you [illegible].

Very affectionately yours. Benj: Smith Lyman.

[illegible] Cape [illegible], [illegible]; [illegible] July 18[illegible].

My dear [illegible]

Your letter of the [illegible] arrived on the [illegible], and your [illegible] of the [illegible] of [illegible] by way of [illegible] and Philadelphia [illegible] [illegible] [illegible] in [illegible]. I have not [illegible] [illegible] [illegible] and [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] until [illegible] I [illegible] from [illegible] Halifax [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] there.

The work you are engaged upon must be very interesting. It is [illegible] for you to [illegible] [illegible] [illegible] as a [illegible] [illegible] [illegible] of my [illegible] [illegible] [illegible]. This is an [illegible] [illegible] [illegible] and I [illegible] [illegible] you [illegible] [illegible]; although I [illegible] think that [illegible] [illegible] on [illegible] [illegible] [illegible] [illegible] in higher [illegible] in [illegible] [illegible] have been of late years, and [illegible] I hope [illegible] [illegible] [illegible] [illegible] a [illegible] of [illegible] [illegible] and [illegible] before [illegible] [illegible] [illegible] past! I am glad that you like [illegible] [illegible] [illegible] your [illegible]; I feared it might worry you [illegible]. [illegible] you will carry out the project you once [illegible] [illegible] of [illegible] [illegible] [illegible] Europe, and [illegible] I shall have the pleasure of [illegible] you there. I have not [illegible] [illegible] [illegible] [illegible] [illegible] and [illegible] my [illegible], and [illegible] [illegible] [illegible] this year [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] is the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] during the last [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible]. If [illegible] [illegible] [illegible] [illegible] [illegible] and if [illegible] [illegible] [illegible], I might [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] a little, and [illegible] [illegible] [illegible] [illegible] [illegible]

dollars. Stock sold a [illegible] as coming down here [illegible] I transferred to my present [illegible]. Mitchell [illegible], [illegible] with interest in the [illegible] after [illegible] all his [illegible] which he valued in New York at [illegible] thousand dollars but which I am going [illegible] [illegible] would more [illegible] [illegible] [illegible]. When [illegible] I [illegible] go [illegible] [illegible] or what I supposed [illegible] [illegible]. In fact my [illegible] [illegible] from California brought me to the desire to get [illegible] if I should [illegible] [illegible] [illegible]. [illegible] I was only [illegible] [illegible] I might get enough [illegible] make a small fortune in mining [illegible] for [illegible] [illegible], but I was thinking that I had come to my [illegible] [illegible], if it could have been [illegible]. I [illegible] had become [illegible] quite impossible for me to find anybody that would [illegible] [illegible], and if I did that it would be [illegible] impossible for [illegible] [illegible]. The last [illegible] spirit but I intend [illegible] a great amount of engineering in [illegible], if [illegible] arise, and [illegible] remember that a man [illegible] his own lawyer has a fool for a client. As for the former [illegible] really arrived [illegible] my before I saw a young lady that I thought would [illegible] [illegible], and I have only been [illegible] [illegible] for a second visit to Sydney to [illegible] my engineering in [illegible]. I am afraid [illegible] [illegible] [illegible] or [illegible] has [illegible] and [illegible] [illegible] to make a [illegible] with [illegible] [illegible] [illegible] by engineering skill she ought to [illegible] [illegible] by engineering I mean Civil engineering, not mining. Could you [illegible] [illegible] any young lady as a candidate for my [illegible] [illegible] I am quite [illegible] and [illegible] to make a marriage [illegible] upon [illegible] judgement. I hope you will not [illegible] [illegible] [illegible] as an excuse for my being [illegible] with a beautiful girl in Sydney; so uncommon [illegible] [illegible] needs no such excuse.

[illegible] Sir, [illegible] by way of Quebec and New York. You might very [illegible] to [illegible] by the Wife.

I am sorry that you [illegible] the [illegible] for they will [illegible] the [illegible] and I am hardly [illegible] any letters [illegible] you enter any little [illegible] [illegible] prevents me from writing [illegible] to you. I cannot think [illegible] for the Commander, must [illegible] on the subject you [illegible] Bald Field, for I have [illegible] thing I know. [illegible] Northampton [illegible] advertisements as well as [illegible] the articles in the same number, I have [illegible] a fine advertising medium. That which [illegible] from [illegible] B. Gilpin Junior, [illegible] worthy of him. I have [illegible] to write an article for the paper on the [illegible] that you ought to engage in upon a [illegible] and [illegible] should [illegible] the premises and [illegible] for agricultural [illegible] to [illegible] out and cut [illegible], and [illegible] of pasture [illegible] any more than the raising other [illegible]. Neither [illegible] of us [illegible] fields of the present [illegible] [illegible] [illegible], and [illegible] with the direct aid of mineral [illegible]; but I think [illegible] more might be said on the analogy between mineral [illegible] and [illegible] rights. I should almost [illegible] [illegible] a [illegible] [illegible] for the benefit of the [illegible], as I well [illegible] that [illegible] [illegible] to have a mine [illegible] worked, and so it is for a farm [illegible]; but [illegible] of all we endanger the [illegible] of [illegible] and [illegible] by which thousands of cattle starve every year. I wished [illegible] to attend the [illegible] of [illegible] in [illegible] to some [illegible] and schemes of [illegible] weight. I noted four: Firstly there [illegible] a good [illegible] for [illegible] [illegible] from a good distance, with the help of a scientific agriculturist [illegible] could be made to create farms on a grand scale and at [illegible] to themselves besides forming good centres for [illegible] [illegible] May I add indeed I encouraged to marry and [illegible] down to the land they have brought under cultivation. I keep to [illegible]

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[illegible] enough to [illegible] in allowing to Tennessee as to [illegible] power [illegible] when it. By the labor of the soldiers and of [illegible] could be made for irrigation, all that is required to make a garden of what is now a desert. The Mormons have done this in Utah. The soldiers are [illegible] idle in these forts, and afford a striking exemplification, that is said of ancient Rome, of misused skill for the lands [illegible]. Perhaps this is the reason why Indian troubles; for I firmly believe that the Indians to blame for them all with an exception. The plan I propose for these troubles to subdue effectual. also to the [illegible] will have to be maintained in the west for some years, this blended with the black soldiers. I would [illegible] to write to Frederick on or two other subjects but [illegible] time just now. Perhaps you will excuse me for the brevity and necessity. Trusting a long [illegible] to hear from you shortly. Tell Mormons before they become [illegible] in arms. I am [illegible] the rights of [illegible] and [illegible] in its defence; his [illegible] cause is not probably [illegible].

With my regards to your wife, and believe me

Very affectionately yours &c.

Benj: Smith Lyman

Ecru Bay, Cape Breton, Nova Scotia, 17th July 18[illegible]

[illegible] Esq.

Cambridge

Dear Sir.

Your favor of the second instant is at hand, inquiring when and on what terms I could explore your Right of Search at Miré.

You probably desire first a cursory preliminary examination or reconnoissance of the tract, so as to determine whether it would be worthwhile to undertake a more minute survey with reference to the opening of coal beds, if any exist there. I should be happy to undertake such a reconnoissance, but my present engagements would probably prevent me from doing so for two or three months to come. My terms would be two hundred dollars in gold, and I would pay my own expenses.

Very respectfully yours.

Benj. Smith Lyman.

Cow Bay C. B.; 15 July 84.

P. S. Hamilton Esq.
Chief Commissioner of Mines.
Halifax.

Sir,

I have the honor of sending you herewith a Surrender of all claim & a right of search granted by me on the twenty seventh of September last to Mr. Merriam at Big Glace Bay Lake; and I remain,

Sir,

Very respectfully yours.
Benj. Smith Algonan.

Cow Bay. C. B.; 15 July, 1864.

Joseph H. Converse Esq.
Boston.

Dear Sir,

Since I left Halifax I have had a severe attack of the Hamilton Bank and also many claims upon the Gift of [illegible]. I have just signed the papers and enclosed it [illegible]. I congratulate you on getting the management of the [illegible], for it gives you [illegible].

I was much disappointed at Cow Bay at [illegible] I was unable to find [illegible] I got over it as soon as [illegible] I will [illegible]

responsibility bringing me somewhere. It would take
be well enough to have some sheep iron nails turned on
edge as they must be got sooner or later; but they can
do with [illegible] percent and use a wooden stock.
I shall [illegible] there again soon.

I had a walk towards Little Glen Bay & found
[illegible] some tempting [illegible] found
[illegible] cooking; but I
[illegible] and Parrott was
[illegible] for the purpose
[illegible] meeting next day. I found
[illegible] & Every and
[illegible] examining the [illegible]
[illegible]

[illegible]

[illegible] the Family Coal Merchant
[illegible]

Cow Bay Cape Breton N.S. 17 July 64.

Prof. John Finger

University of Pennsylvania.

Dear Sir.

You and a few [illegible] as I did write that you were one of a committee [illegible] appointed to investigate the subject of the decimal system of weights and measures. I would ask [illegible] you have come to [illegible] you would explain; and if in doing so I only [illegible] you the statements of facts already ascertained [illegible] I shall [illegible] me in [illegible] you will pardon me in [illegible] the decimal system of calculation.

In the first place let me remark, it is of no [illegible] for a unit for the new system but it should afford an easy means of converting our present measures into the others. Now I have the same unit as any [illegible] have a decimal system [illegible] it makes for the yard two hundred yards or a hundred [illegible] measures, in deeds and [illegible] will have to be made far more frequently and by a few quick [illegible] to convert foreign measures into ours by tables and [illegible] and readers of foreign books. If we [illegible] the decimal system [illegible]

I propose then for a unit the Link or one hundredth part of Gunter's Chain of eight cup feet which being the only [illegible] of measure that [illegible]

Lineal Measure.

1 Mile = 10 F[illegible] = 1 [illegible]
1 Chain = 10 Stations = 10 Square Inches = 1 [illegible] = 10 Links.
1 Link = 2 Hands = 10 Fingers = 100 Lines.

Superficial or Land Measure.

1 Square Mile = 100 Square Chains = 1000 Acres.
1 Acre = 100 Square Stations = 10 00 Square Links.
1 Square Link = 100 Square Fingers = 10000 Square Lines.

Measures of Capacity for both Liquids and Solids.

1 [illegible] = 10 [illegible] = [illegible] (New Measure)
1044 parts of cord = 1 Cubic Chain. 10 Cubic Chains = 1 Barrel. 3 Barrels
1 Keg of Oysters, Soap or Small Articles = [illegible] Barrels Measure
1 Pint = 10 Quarts or Pints = 100 Gills = 1000 Cubic Inches Wine Measure
= 1 Cubic Link, the unit = Cubic Centimetres of Water
= [illegible] of the Second Rank.

Weight.

1 Ton = 10 Quintals = 1000 Grains. (New Weight)
= [illegible] of the Second Rank = 10 × 1728 lbs. (Present Weight)

1 Stone = 100 X = 100 000 Grains = 1 Cubic Link of water
= 1728 lbs = 100 × [illegible] oz. [illegible] = 1.3,210 Grains
= 1728 × 45 [illegible]

If the [illegible] marked X I find no convenient
use; but as it is about the weight of a small [illegible]
[illegible] as big as a piece of chalk [illegible] I've called
Pebble after the [illegible] of Stone.

These measures of capacity and weight have with
the exception of grain been [illegible], [illegible]
[illegible] measurements, so that it would [illegible] to turn
a new measure would give [illegible] great inconvenience.
These are [illegible], I [illegible] and
and [illegible]

the affair very [illegible] and very [illegible] [illegible] that I have got the knack of [illegible] and to [illegible] [illegible] to use [illegible] than the ordinary [illegible] [illegible] perhaps [illegible] [illegible] anything. Please [illegible] a [illegible] [illegible] of the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] of [illegible] Thatcher, No. 72 Beaver Street, [illegible] for the [illegible] and [illegible] a copying book, [illegible] [illegible] [illegible].

P.S. I hope you are very chary of giving information about the [illegible] of the coals down here to people who pay nothing for it. I am not sure but Bourinot or myself will find still good chances to [illegible] in coal [illegible]. At any rate I have no sympathy but a great contempt for these petty speculators who hope by an outlay of twenty dollars in money and of nothing in brains to get a fortune with the help of information got through the [illegible] of more liberal minded speculators or [illegible].

By the way I saw at Robbins' office in New York a [illegible] of your map for Adams of [illegible] of the region. Bourinot [illegible] [illegible] the office of the [illegible] five copies on [illegible] paper, of [illegible] [illegible] of a map of [illegible] of all this coal [illegible] [illegible] [illegible] [illegible] Big Bras d'Or, copies that were sent from Halifax.

H. S. [illegible].

Lower Bay, C. B.; 18 July, 1864.

Marshall Barnish Esq.
Arichat

Dear Sir,

I regret that I have nothing of special interest to communicate in regard to coal mining. They go on as efficiently as when you were here. A fire broke out in the [illegible] during the night before last, but was soon extinguished. Mr. Hunt says the [illegible] is very badly timbered by unskilful blasters which [illegible] and he has had it very desirable [illegible] timbered and cleared for them. He says the [illegible] will be got down; he could [illegible] or sand and [illegible] by doing some more and [illegible] steel tub. Mr. Hunt says he would like at least three [illegible] of wood and iron. He was quite in despair at the beauty of [illegible] and said he dared not before come across and [illegible] this [illegible] for him as the neighborhood [illegible] ill. The tide [illegible] was flowing [illegible] when you returned in the skiff, but as it did not [illegible] that it had left the channel as early and they were having [illegible] the [illegible] before the skiff. At the [illegible] of having three days rides I [illegible] began, of seeing them as compared with tipping a mackerel [illegible] I have [illegible] began and found the depth of twenty eight [illegible] at "Dick's" rock I take them from the [illegible] of course the hardest [illegible] on a rock like mine [illegible] Rock's Table, for I [illegible] Mr. Bourgeois of this [illegible] will decide a point that will be an [illegible] in the quality in which the [illegible] Or I find that [illegible] of the [illegible] Mine Coal runs up the [illegible] way in it would [illegible] the [illegible] [illegible] of Mahone's Bay [illegible] the Sydney Coal; or that the [illegible] Coal must be taken to [illegible] and if [illegible] Red [illegible] great distance or else to [illegible] the [illegible] [illegible] [illegible] in any thin [illegible] seam [illegible] I also the [illegible] Sydney. I believe I

regularity in last month's cash as I got with the other packet many beautiful drawings of Mackenzie and Hobartes and Norman was paid as usual. The arrangement was that I had to settle money by first month of the year and I borrowed £50 from Mackenzie under representation that you would probably come out this week and half me to repay him. I shall have no more money than is mere necessary, so, if you cannot manage yourself perhaps you will arrange some way for my getting the necessary money. If you come yourself, pray see if you cannot bring me some small change from Sydney.

I hope that your wife and child as well as yourself are in good health; and I remain

Very truly yours.

Roy Bell Lyons

P.S. A box of cigars & bottle of Claret arrived here by the last week, and were very acceptable. I only discovered the fact of their being here just as the former supply was giving out.

R. B. L.

Cow Bay C. B. 18 July 1864.

David McKeen Esq.
Principal Deputy Surveyor,
Sydney.

Dear Sir.

I have today received Mr. Young's reply of the eighth instant to my letter inquiring about the Mail. He excuses himself from entering into any of the following evidences. He says he has promised to take in next an order until he has finished some work that ought to have been finished long ago, until that it may take a month yet. He says to: The Contract increasing price of Coals and materials will of itself prevent me from taking Orders the enclosed in the Mail to four [illegible] cents. What Young means by this, I cannot say, but it appears that instrument then as well as others will be higher."

I am very sorry that I have nothing more satisfactory to communicate as to result of my inquiries.

I am thinking of trying what my own compass opened here by the help of Early Compass. In case I should, I should be happy to show it to you in case. I made a rather rough approximation to the determination of the variation of the magnetic needle with the Sun this afternoon, and found the variation to be about twenty five degrees and a [illegible], allowing a few minutes error.

I trust you have by this time received an order from the Crofland Publishers for. For my part I have received nothing from Halifax about it.

Very truly yours
[illegible]

[illegible] C. W., 18 July 1864.

Dear James,

Enclosed I send you a first bill of exchange for $[illegible] drawn by me on [illegible] [illegible] [illegible] [illegible] being the balance of my money in his hands. The bill is made payable to your order. I wish you to make use of the money in procuring, if that amount is sufficient, a [illegible] recruit [illegible] I see by the papers [illegible] [illegible] at the present time. I should prefer that he be a colored man, and if possible one personally known to you as a trustworthy man. I fully expect to send you within a few days, say a week, another [illegible] of [illegible] dollars, you [illegible] the [illegible] on the purchase of the same, if the present amount is not enough for one recruit. If you should make an arrangement with the [illegible] [illegible] the bounty in the form of monthly installments to their families, you can do so [illegible] upon my [illegible] [illegible] you the second draft so as to [illegible] [illegible] [illegible] money for the money [illegible] [illegible] [illegible] already due me and [illegible] [illegible] [illegible] me a few days ago by [illegible] [illegible] [illegible] furnished me in the form of such a draft within a few days. [illegible] is also due me from [illegible] [illegible] [illegible] anything unforeseen should [illegible], I am confident that [illegible] [illegible] [illegible] [illegible] [illegible] will [illegible] in my [illegible] [illegible] that amount [illegible] to furnish you with [illegible] a round thousand dollars and if you [illegible] [illegible] [illegible] so as to [illegible] the two recruits [illegible] [illegible] [illegible] dollars each, you can [illegible] [illegible] [illegible] the [illegible] and I [illegible] you both [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] the most [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] the first recruit [illegible] [illegible] [illegible] to stand [illegible] representative, and the second as mine, and [illegible].

both be for three years, if possible. [illegible] I think that in the very order my obligation to me, for I do not. I merely add that a share of the burdens to country, and feel able to [illegible] the result considering my good fortune this [illegible] and [illegible] I have [illegible] nothing [illegible] but talk. I consider however that I owe [illegible] and our country [illegible] by [illegible] in very [illegible] than in talking of [illegible] do foreign [illegible] and [illegible] [illegible] a [illegible] [illegible] and an organization [illegible] them what I have [illegible], for my own part, in the morning. I prefer to have you [illegible] by a recruit [illegible] myself as, because you are much more likely to be [illegible], and with a [illegible] I remain. I believe [illegible] for [illegible] are under to draft. — I have this morning only just [illegible] by the papers that a [illegible] bill has been made into law. I hope this may make recruits easier to be found.

Your letter of the nineteenth last came to hand on the first and was very acceptable. The [illegible] came by the preceding mail; and the Evening Post comes regularly three a week, by each mail, and is a very [illegible] of great enjoyment to me. I am much [illegible] [illegible] the [illegible] with [illegible] [illegible].

I am very sorry you could not come and help me in my work and give me the [illegible] [illegible] I shall probably have a month's job after this comes to close here and very likely another next winter. I [illegible] here but in the field.

I am very glad to hear you are about the Dandies. Did not hear they were in Chester. Remember me very affectionately to them when you next see them.

Let me hear from you in answer to this. I think you in advance very kindly for the trouble that regards [illegible] will give you, and hope the [illegible] will [illegible]

Very affectionately yours, [illegible]

Cowley, Cape Breton, [illegible]

Exchange $4.87½.

Three days after sight of this First Bill of Exchange (Second of same tenor and date unpaid) pay to the order of James [illegible] Esqr. one thousand five hundred and fifteen dollars and [illegible] cents, United States Currency, value received and place to same with or without further advice from the account of

[illegible]

To [illegible]

Cow Bay, C. B. 20 July 1864.

Dear [illegible].

I have to acknowledge the receipt since I wrote [illegible] of [illegible] letters from you, one of the [illegible] fellow sent with a letter [illegible] [illegible], one of the [illegible] of June received on the twentieth, and one of the [illegible] of July received on the fifteenth. I have also received Mother's letter of the [illegible] of June that came on the fourth and the two drinking cups [illegible] of [illegible]. [illegible] sorry that you did not think best to come [illegible] [illegible] but glad that your health is better and [illegible] enjoying the summer at home with the society of the [illegible]. I am afraid you would have found [illegible] dull unless you also had yourself in some studies, and it would have [illegible] [illegible] not [illegible] [illegible] [illegible] [illegible] [illegible] allow [illegible] for [illegible] [illegible] [illegible] by [illegible] [illegible] found [illegible] [illegible] [illegible] with people [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

you [illegible] their society and studying their characters and peculiarities [illegible] [illegible] if you found no friends to a [illegible]. I have no doubt [illegible] you would have found people [illegible] [illegible] although [illegible] [illegible] different from mine, for such people are so [illegible] scattered through the world that no village is so small but that it [illegible] at least one or two of them; at least that is my opinion. I [illegible] [illegible] in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible] of this theory and of your suggestion that I might find [illegible] [illegible] [illegible] some strange woman [illegible] my [illegible] [illegible] [illegible] Hall. A dark skinned Mexican woman half Spanish [illegible] [illegible] [illegible] one of the servants of the hotel sat opposite to me at [illegible] [illegible] evening when I came [illegible] late to dine with the guests of the house. Although not very handsome she seemed to have so much character and dignity that she quite excited my admiration. [illegible]

had not the pleasure of becoming better acquainted with [illegible]
for men I found two or three very pleasant ones in the neighborhood of the [illegible] in the course of visiting time there I shall [illegible] I have not only [illegible] here, but I have no doubt I might find many ladies there charming enough to fall [illegible] in love with. Instead of "young ladies" I should perhaps rather say a young lady. But I have not been looking since I arrived here as you can imagine how [illegible] answer either in word or [illegible] her claims unless you consider any [illegible] in that matter.

My only new acquaintance [illegible] among the females is a pretty little boy named [illegible] which improves upon acquaintance. I am [illegible] effort to learn [illegible] horseback in going [illegible] from my [illegible] Mr. [illegible]. This pony is a very [illegible] creature, [illegible] and [illegible] when she goes fast, very tired, and is small and [illegible] thirteen hands and three quarters [illegible] of the smallest [illegible] of fifty two dollars. Most [illegible] I do not [illegible] I shall be [illegible] into Lodi [illegible] and [illegible] I shall [illegible] and [illegible] my [illegible] I may [illegible] Sunday. I may also go over to [illegible] and [illegible] Sunday now and then.

[illegible] as you seem [illegible] in my old [illegible] and [illegible] a smile on their [illegible] thinking [illegible] with [illegible] fall. There is a [illegible] called the [illegible] over by [illegible] and [illegible] [illegible] said very important [illegible] coming especially the [illegible] manages the [illegible] and lives next door to the [illegible]. The [illegible] is called the Blockhouse Mill and the [illegible] is called the Blockhouse.

My work is much the same as it was [illegible] very [illegible] and fairly healthy [illegible] comfortable [illegible] There is a man under me in charge of the [illegible] and overseer of the [illegible] eight men connected with [illegible]

and a fine cooking you can to occasion from [illegible] Sunday
we have a turkey & chicken to go then. The [illegible] were
have time. It was the you remember she learned us [illegible] to
cook mushrooms in various styles, and to make [illegible] mushroom
confitures. She knows [illegible] to cook [illegible] every day. She
gets to various ways of three dollars a month but [illegible] then after
because she is so far from [illegible] in [illegible] she will have
thirty dollars a month, equally in [illegible] I shall
need will stand at once [illegible] and [illegible] more
so is now.

I shall most likely [illegible] to [illegible] Congress
with the present one, and perhaps some other small ones [illegible] me
talked of, and it is not very unlikely that I remain in the
Committee in the fall, perhaps late.

I am sorry to tell you that [illegible] Sunbury
was at Dr. Mantles. I should like my letter
shows to see more about the fair & flowers and
such like as we generally spend [illegible] & have
[illegible] attach them, would you [illegible] some
inquiries [illegible]

With love to all, I am, as always

Your affectionate Brother,

Benj. Smith Lippincott.

Cow Bay, C.B. 21 July 1864

Dear James:

I am not very well posted with what is going on in the States and I write you the 4th that I have noticed in the papers that a recent law of Congress obliges the President to give six days notice of a draft and that during that time the government pays a bounty of a hundred dollars a year to volunteers and I suppose also the "representative recruit," about whom I do not know whether such a six days notice of a draft has been given or not; and if it is not it seems more better to do so, and I suppose for saving one or two representative recruits with such a notice is given so as to have the government bounty added to ours, for we may otherwise be able to obtain hardly a single recruit. You may however if you have no objections, use your judgement in the matter, if you have not already made any definite arrangement.

When I see Aunt Edward's or Uncle Jo's being with us dont I wish we were in any way prepared, I would make things easy, I mean for us only, for I am sure we could, in case of sickness in my family, as it already does me. I should prefer, however, that it should be called in question as knowing when the men may come down, for I may be a serious burden, and I will not have it in relation to work for it until it is going. I am confident that I can get a bill for five hundred dollars with a receipt.

I send you a draft for five hundred dollars, exchange for $461 corresponding to-day's rate to-day.

Your affectionate brother,

Benj. Smith Lyman.

[illegible] July 22 1854.

Dear Samuel

[illegible] you [illegible] before the [illegible] of the eighteenth.

We [illegible] going to send Archie Middleton into town tomorrow to get some shingles for the new stable and I take the opportunity of dropping you a line. If you consider it desirable to pay the men as usual on Saturday night you might send out the money and change by Archie to Mr. Smith or to my self, for Archie will be out hard again before the men stop work. Something like fifty pounds dollars will be required. as I believe as none has been paid since last week by the weather when there are nine men. Peter however has not worked every day.

If convenient I should be glad to have Archie bring out my [illegible] that are lying ready made at M Lennans, and would be obliged to you if you would pay for them forty four dollars. I am quite out of money myself or I would pay the men last week. I should be glad to have five pounds to me to settle my debt with M'Gregor at Inn. I want Archie to bring me out some oats to-morrow and if he has no little money to pay for them please give him some.

I am sorry to have to trouble you about so many little affairs and thank you in advance for the trouble they will give you.

Please remember me to your [illegible] kindly

Believe me truly yours

Roy Lindsay

Canterbury, [illegible]

P. J. Hamilton Esq.

Chief Commissioner of Crown Lands,

Nelson.

Sir,

Your favor of the fifteenth [illegible] stating that a small portion of the [illegible] for in the Compliment of Selling and purchasing [illegible] sanction. I certainly desire as you perceive, in my application should sold for the remainder; and I [illegible] fully in the belief that my original application for the [illegible] contained at the end of the second description of the area of five square miles, the [illegible] of such portions of the same as may **already be granted to Others.**"

Trusting that you will forward me the license at your earliest convenience, I have the honor to remain

Very respectfully yours,

Your Most Obedient

New Bay, C.B., 22 July 1864.

My dear Lyell,

I am glad to find that you have not forgotten me, and that you are willing to write to me. I am sorry to say that I have nothing of interest to tell you in return. I have been very busy since my arrival here, and have had no time for anything but work. I have been to the Gold Fields of Nova Scotia, and have seen many of the gold mines, and have had the opportunity of seeing the whole process of gold mining, from the first discovery of the gold in the quartz rock, to the final separation of the gold from the quartz. I have also been to the Gold Fields of Nova Scotia, and have had the opportunity of seeing the whole process of gold mining, from the first discovery of the gold in the quartz rock, to the final separation of the gold from the quartz. I have also been to the Gold Fields of Nova Scotia, and have had the opportunity of seeing the whole process of gold mining, from the first discovery of the gold in the quartz rock, to the final separation of the gold from the quartz.

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but Jersey is meant with him something [illegible]
question here. The coal lands and coal mining rights are
held as in Pennsylvania. The government
never relinquished its claims to the right of mining coals
well as other minerals here, except for limited periods as leases,
and all such leases expire in 1886. Hence [illegible] might
purchase such leases from parties who hold [illegible] and no
doubt good ones are still to be had. I wrote him on the
this letter, as I mentioned before, and [illegible] a
him a copy of the Pennsylvania Mining Laws.

It must be delightful to live as you do [illegible]
Ripley and Summer. I envy you all [illegible]
general health remains so good [illegible] have
not called to the [illegible] and
as heretofore some opening for a work that I specially like,
Appalachian near Virginia [illegible] Kanawha Valley [illegible]
flatwoods at Gallipolis [illegible] Ohio. I think [illegible]
than they might be [illegible]
and subscribers [illegible] ing. I call such a [illegible]
like Herbarium [illegible] Society and [illegible]
since then we [illegible] only three [illegible]
counties and those comparatively near me. It grows [illegible]
on [illegible] feet high, and [illegible] the ground the leaves [illegible]
look like those you have. A dry sandy soil with nothing but
trees says Buckley for himself finds it a virtue [illegible]
but I have not [illegible] a bad soil; only water is lacking
to bring good crops, and that to get by irrigation and all [illegible]
and Nature in Kanawha, and might be got over [illegible]
of acres that are now [illegible].

There are many plants very abundant down here [illegible]
comparatively rare with you. A few years ago the roads were lined
with the rhodora in bloom; it was very rare in the greatest profusion
and as common as the little [illegible] of here. It came about
1 or 2 on the hailing [illegible] disappeared, and [illegible] was in bloom
[illegible] two or three years. Before the rhodora [illegible]

in quick time, but so quick [illegible] coming [illegible] if I [illegible] a coasting. It is quite an event for me [illegible] the last [illegible] times down [illegible] which you can imagine the dearness of good horses are. I am back upon learning to ride horseback at last on [illegible] well, but have still much to learn. I think I [illegible] Boy next Sunday, about ten miles [illegible].

I am very sorry I was not at Northampton [illegible] summer like you & wife was here & how heavenly [illegible] my request seemed to have drawn from [illegible] I [illegible] only like to have a night [illegible] like those in some of the pleasant [illegible] of the place, the various villages, manufacturing [illegible] and Mount Holyoke and Tom. By the way I believe never been on Mount Holyoke; you have both, [illegible] a charming landscape you never [illegible] from it perhaps as good. I am sorry to [illegible] your wife so good, and hope that [illegible] will benefit her also.

Give her my best regards, and believe [illegible]

Very affectionately [illegible]

Cow Bay C. B., 21 Aug, 1864.

W. A. Harris Esq.
Sydney.

Dear Sir;

I have to acknowledge with thanks the receipt on Saturday evening through Mr. Bellis of your favour of the 17th inst. enclosing ninety dollars and an order on the Halifax Banks for the same and remain

Yours &c.
C. J. Smith

Coal Bay, C. B. 25 July, 1864.

My dear Smith.

I received your favour of the twenty first instant on Saturday, and was much pleased to hear from you.

I am sorry to say that another bit broke off the drill on Monday morning just as I arrived with my letter from above boring in the old Rum's stable. The hole was in perfect good condition this time and it was considered demonstrated by this accident that the Chinese had not intentionally put us in a hole thirty feet first deal. Mr. Smith sent by McKellar for a couple of drills from your Sydney blacksmith Coleman; and McKellar brought one of them on Saturday evening. Coleman promised to have the drills on board today by the post but for some reason the drills have not arrived. If we are in Sydney tomorrow (Friday) I shall see Coleman, and if possible bring out the drills with me. If you come over, or else send Mr. Sandeman over to Sydney Coleman promised to have the new drills. I may [illegible] line on the matter by tomorrow's post but your return to Sydney may be unnecessarily delayed.

Owing to this accident in the borehole at the stable only about a dozen feet from where I had intended about to sink the shaft, the operations were at a boring in the old hole during last week by Archibald over the stable; and today they have found the coal and shall at once commence sinking the shaft. It remains for us to determine whether this should be the position of the Upcast shaft or Mr. Rum's bed to leave, or whether the bed of Mr. Rum may not be the more favourable position for the Upcast shaft and the Upcast shaft for Mr. Rum's bed above it or in the position that on [illegible] I am confident of with the Chinese to divert initiate [illegible] & better finish tomorrow

a short hole [illegible] have begun a hundred feet up hill from the
hole of last [illegible]

[illegible] stream of appearance of coal or rock within a
distance [illegible] two miles along the valley, a hill very much of the
[illegible] exploration. Although the boring in the Kennedy
Coal [illegible] average strike of that bed up the point [illegible]
[illegible] would indicate the presence [illegible] of
[illegible] intervening beds of sandstone may in that distance have
become essentially thicker, or their strike may be different owing
to a more rapid curving round to the north of the Kennedy bed
near the middle of the basin. Things are in such a tumultuous
state I hope to see [illegible] soon settled definitely.

I am looking forward with much pleasure to the opportunity
of seeing you and Mrs. Lee. Miss Lesley writes that she
greatly [illegible] in store of entertaining, and my correspondent
has [illegible] and she says to look for a time quite unequalled.

Very truly yours.

[illegible] Lee

Washington D.C. 8 Aug 1864

My dear [illegible]

I send you herewith a draft at 60 days sight for five hundred dollars in favor of Messrs Bennett & Allen of Halifax N.S. which I am requested by Bennett and in your name to draw. I have not the necessary data to say when the draft will be paid but I suppose in a few days. Bennett leaves for home tomorrow and will call on you before he goes.

I have had little or no time yet to converse with you about your affairs for the most part unemployed. I hope to make a visit to Baltimore tomorrow and have Mr. Bennett see me there and we go out with Gatlin. I will remain in Baltimore over Sunday and probably Monday, & shall then be there or in the neighborhood. Stephens says he is going to Canada on the 10th. My own impression was that the war would not last, but I am not disposed to believe in [illegible] I shall return to Washington before the 15th. I do not know whether I shall have any business for you or not but I am anxious to be there in case [illegible] for [illegible] will be glad to hear from you.

Yours affectionately

[illegible]

[illegible] 3 [illegible] 18[illegible]

My dear Mr. [illegible]

[illegible] and forward the enclosed letter to the [illegible], and if you feel [illegible] [illegible] information [illegible] [illegible] he may feel [illegible] safe, and [illegible] he may feel [illegible] [illegible] of the [illegible] [illegible] as soon as [illegible] [illegible] [illegible] the [illegible]

I will send you [illegible] [illegible] in your [illegible] [illegible] before [illegible]

[illegible] anything [illegible] [illegible] [illegible] of their sentiment [illegible]. [illegible] last [illegible] [illegible] made myself [illegible] in my letter to you. [illegible] in the matter is [illegible] a slight diminution of my esteem for him, but [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible] that [illegible] [illegible] [illegible] [illegible] [illegible] sentiment [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] is [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] be independent [illegible] [illegible] [illegible] [illegible] control of [illegible]. [illegible] [illegible] [illegible] [illegible] the [illegible] [illegible] [illegible] [illegible] would [illegible] [illegible] [illegible] [illegible] [illegible] will [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] confidence [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] his faults and [illegible] [illegible] manager. [illegible] I last saw [illegible] [illegible] [illegible] [illegible] [illegible]

hurt if it were so long ago, but the story was spread with [illegible]
and even [illegible] Tea. I was sorry for the Bath brethren, but thankful
for the Cheltenham spring.

I am very glad to have in your letter your ideas about
marrying, altho' as I did not intend to wait for them especially in
the prompt fashion, for I had already made up my mind in the
negative in general. I thought you might be able to suggest some
individual with whom I might be still in love with sense, instead
of nonsense. As you advise I would not care to marry without being
in love, but this is a condition only too easily fulfilled and the
hard part is to be thankful for. As for marrying when you still in love,
what you advise, it is very easy to talk of. I took on [illegible] both hard
shocks, at the finishing Examination in Sydney, and I find I cannot
probably do without them. So far I don't think I should be the
worse if I found myself [illegible] suit me, although I think the
[illegible] of this is one reason why I [illegible] hope to succeed I find at the age of thirty.

I have bought me a nice little saddle horse, and find
it an acquisition. I rode it into Sydney last Saturday afternoon
and home to day again tomorrow. I passed very pleasant
Sunday there. Captain Parrott and wife. Mr Cotton were staying there.
The former [illegible] me as quietly as any one else, although he [illegible]
as my senior officer. Mr Cotton was quite attentive & [illegible] morning
after Church Parade & Service. Ward injured [illegible] of you. I
dined Sunday also [illegible] I was assigned my room.
I read to the English Church in the morning with [illegible], and
found the performance entertaining, [illegible] - both there and
there was a pretty girl in the choir in the church opposite which
was unique sight to look at the right. Charley Clark also in the choir in
the church looked right jolly and [illegible]. Capt. Parrott from the
back in the church looked like a dark thunder cloud.

We have found no more coal yet and the survey seems likely
to [illegible] some weeks yet.

My affectionate [illegible] Ever Smith Symon

Cow Bay C.B. 13th Aug. 64.

P. S. [illegible]

[illegible] Commissioner of Mines

Halifax.

Sir;

I return you herewith the license received from you yesterday to enter upon the Coal claim at Cow Bay since withdrawn through an error in the selection of the original block this is a license to work minerals and not to search as it should be.

I beg you to return me the original license and with regret I am trying to trouble you so often about this affair. I remain Sir

Your very obedt. servt.

Roy. Smith Symmes.

Dear Lizzie:

Your letter of the twenty third July was very acceptable and I have long been meaning to answer immediately. I have now to acknowledge the receipt of Father's letter of the eighteenth of August and of Mother's of the first September both. Mother's of August seems to have been a very sad day with you in the absence, but the second of August was the hottest day remembered for many years. I was not in the woods enjoying myself in the afternoon was very much affected by the heat and the dust and still I notice I was home for a bath and tea and walk and still in a draft. In spite of that there was a strong breeze blowing from the westward. I noticed both in Port Arthur and Eagle Hawk had the same weather with the same days in a remarkable manner, considering the distance [illegible] miles.

The last three Sundays I have spent in Sydney, waiting in the hope of coming and except this last time visiting out here again on Monday morning. Yesterday, Sunday, I rode from Sydney to Glen Bay and spent the night there. They are opening the coal in one of the claims at Glen Bay that Mr. Kelly and I discovered last summer and I am so far keeping my weight off by opening a tunnel and giving directions [illegible] in a couple of weeks or so. I find few opportunities of going there except on Sundays. Last Sunday I spent the time very pleasantly in general on Sundays. The first of these Sundays I dined at the 'Macquarie' and the next Sunday at Mr. Bennett's. He gathered many men employees.

Mr. Kelly seems doubtful when I get back to the State before the end of the fall. Mr. Marshall Bennett has become interested in another coal claim that will probably add a little to the time required for its exploration; and our things have not as yet been very successful although we have a good coal show. The claims are so situated as to be pretty difficult to explore in winter time.

Cross Bay [illegible] July 18.

My dear Mr. Lesley,

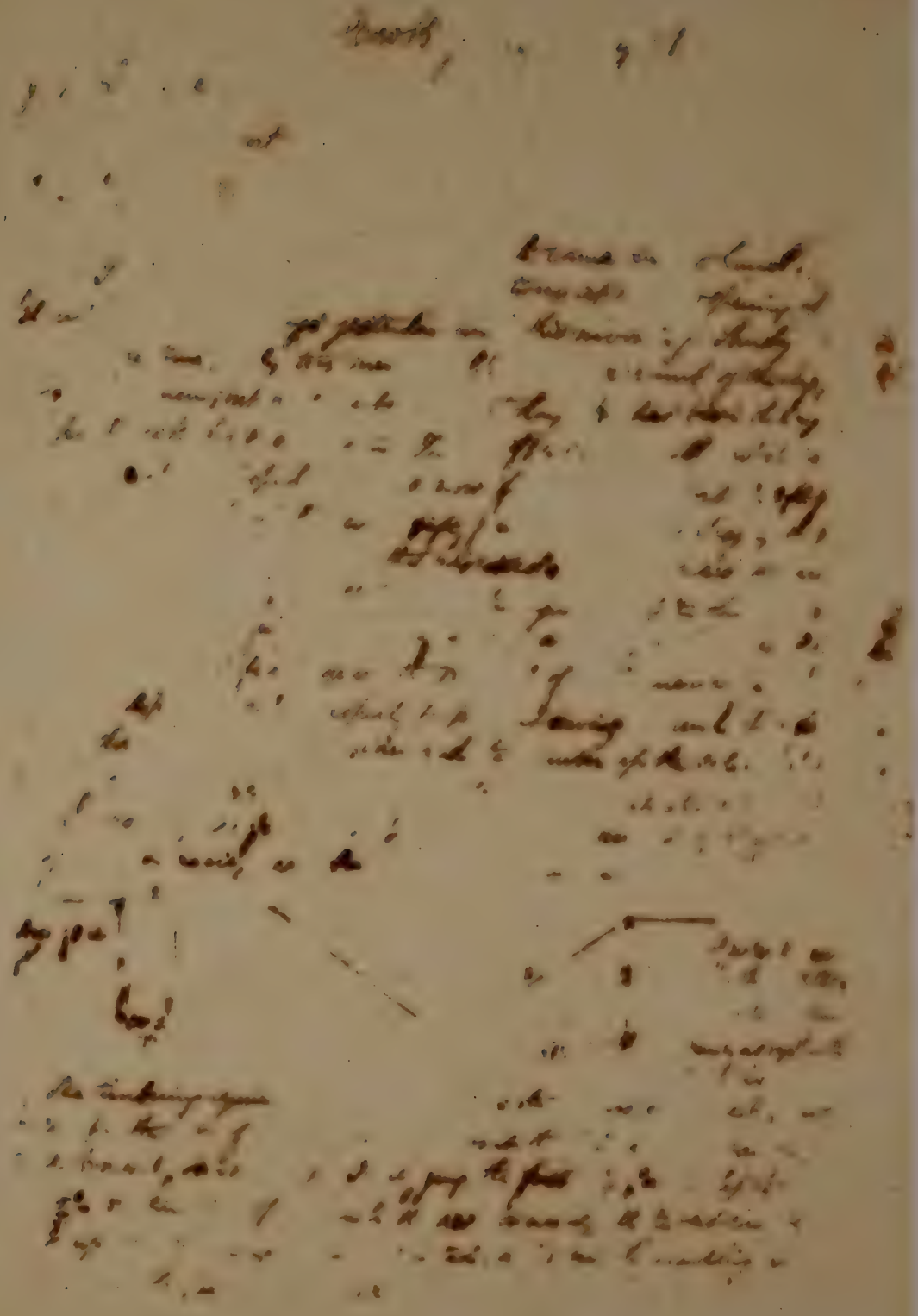
Yours of the 14th last has come today. I am glad your business is still so prosperous and sorry that it is obliging you to remain. Perhaps you will go back till [illegible] after your [illegible] visit.

I think you misunderstood what I said about the copies you made from Hollopeter in the possession of the Schaumburg Co. I took them to be of the Adams map but fancy now that they were copies of the large map on which he had just drawn after you and me your views in regard to the [illegible] for which the Trinity College and Claims of which you were the agent. If such is the case the Adams map, and I am [illegible] with the credit was given you in the title. We said he knew nothing about the authorship, and had had the impression that [illegible]

I [illegible] writing of Bowen; but it seems to me that a [illegible] from school could hardly remain a paralytic [illegible] by living for a year in California has got so good a [illegible] his ordinary that Whitney thanks of. Mr. Thomas is in every [illegible] to this in [illegible] any town or out in Pennsylvania [illegible] exciting the largest and is especially grateful. I will see [illegible] he have hired him a time. Still every one here sees [illegible] for such [illegible] actions [illegible] an escape from a [illegible]

Will you be so kind as to pay Mr. Lemcke twenty five dollars for my last quarter's rent, and charge it to me. I do not think he [illegible] third of August or thereabouts, and then [illegible] written about it sooner.

My charge of $20 yield for the commission of a [illegible] Church [illegible] and [illegible] in preparation from [illegible]. I do not mean to charge [illegible] at present [illegible] I find my [illegible] about requiring any more [illegible] Mr. Hall has written me [illegible] and [illegible] a Mr. that is going to visit Mich [illegible] a week for sending in Cambridge.



York of Sydney has given Rowcroft offence in the sight of the
casting on Fitzpatrick's Booth of the Cowley and Sydney Book, in return
for my Library. I fear will obtain me be cancelled by me bringing
it here very successful yet at present and we do not yield yet the Book
Coal. We are so far from any opposition that the Assembly yesterday
motion is much increased.

I have taken with Mr Parnell section of the Old Mercury
at Sydney commenced in 1824 by the Lords Bathurst, Goderich &
signing. I found that Book had an old fire at the City of Sydney and
re-kindled it up for me. I am much interested in comparing it with
our cabinet, and extract to produce astonishing development from it
If I am blessed yet visited I should like to make a comparison
of these matters.

I had a pleasant call at Port last evening. He expects to
away by the middle of October. He goes in Signet as the Hawkes
as I expected in my last; but Mr Bell expects to Sydney that
is because Port is offered 50 pounds a month in the Imperial Line
of mail packets here; but this is much the best because
permanent and Port will undoubtedly find us. Should however
he will not be long without a permanent place, for two or three Lords
are after him here.

I take into Sydney on Saturday as a Mr Ross preaching which
but came out yesterday, Sunday & Monday in the morning, and
and a new Chapel opening here again the evening.

I write it to the mail and will give you the news
ask for another time.

Very affectionately yours.

Rev. Charles Tyrrell

[illegible], 15 Aug. [illegible]

J. H. [illegible] Esq.

[illegible]

Dear Sir;

I [illegible] [illegible]

Since writing that I have been [illegible] [illegible] the day, this [illegible] this morning. [illegible] most of the [illegible] to take him on [illegible] of finding [illegible] another [illegible] delayed we [illegible] by [illegible] weak [illegible] far as could be [illegible], and [illegible] [illegible] by about [illegible] from the shore and [illegible] further. [illegible] digging the bottom of the drain very [illegible], [illegible] in [illegible] the same distance [illegible] although [illegible] small [illegible] be [illegible] [illegible] from the shore the digging is about ten feet deep and at [illegible] feet. It would [illegible] [illegible] amount of [illegible] the sides [illegible] [illegible] is [illegible] to [illegible] with straight sides and then timber [illegible] sides and at the height of about six [illegible] feet on a [illegible] upon which [illegible] can be thrown [illegible] they dig further. The [illegible] in the amount of digging in this way will be [illegible] from a [illegible] diagram

[illegible] in [illegible] [illegible] = 6 [illegible]

Area of section [illegible] = [illegible] = nearly four [illegible] [illegible] [illegible]

[illegible] no great labor as the [illegible] and [illegible] [illegible] clearing a space [illegible] [illegible] for [illegible] the [illegible] from the drift. In [illegible] feet in depth [illegible] through [illegible] [illegible] all [illegible] can be thrown back into the [illegible] already [illegible] every [illegible] [illegible] a [illegible] hand with [illegible] work. I [illegible] [illegible]

begun to timber in this way for my fifth foot, but he said would be narrow hardly three feet wide. It would be worth the additional trouble to make it wide enough to admit a cart or wagon, it seems to me although it is not likely that the coal will be brought out through this part of the drain, because it will be more convenient to draw it to the surface nearer to the entrance of the coal — I am thinking. I have told him therefore for the present to timber as he has done as it is but to make the roof under as we had with a cart and wagon, say four feet wide by six high. He has now a place in rock at the bottom but it is part thin and a fissure under the underclay of the coal at the bottom of the drain is feared. He finds many small bits of coal, but is still probably some distance from them. I will find the exact hole. He ... he can advance with the present system and with three helpers and ... as we have now but probably not average 4 ft. and during ... have to be taken away from it as fast down, as he will have opened. I fear therefore that it will be quite impossible to ... the coal by the first of September.

If you would get for me of the Hudson Bay banks a piece of [illegible] as you will, size 8 inches and bring it with you to Ottawa and send it home from there by steamer or otherwise you would very greatly oblige me. I have said much more of this ... than I intended when I began, but my enquiring being so wide ...

I remain, Sir,

Very respectfully yours,

[illegible]

Newton N.S.W. 4th May 1864.

James Fort Esq.

Sydney.

Dear Sir

I am sorry to inform you that there is no probability whatever of the existence of a workable coal bed within your Right of Search between this and Sydney; so that there is no object in taking out a Lease to work. Considering this and the fact of my having important affairs to attend there, I feel justified in keeping you in suspense a day or two longer by not going to Sydney on Thursday to tell you that nothing was to be done.

My respectfully yours

Roy Neil Lyon

Sydney 27 Nov. 1864.

[illegible]
Sydney.

[illegible]

[illegible] Hotel [illegible] Sydney [illegible] Saturday [illegible]

I was away in the country at the Cowpastures and a couple of miles and will call upon you this evening and [illegible]

Yours
Benj. Smith Lyman.

Sydney N.S.W. 27 Nov 1864.

[illegible]

Shall I send a copy of the [illegible] Sales & Lines & Railway report [illegible]

Benj. Smith Lyman

[illegible] Nov 1864

To James Lyman Esq
[illegible] Office No 23 Reading, Berks
[illegible] Benj. Smith Lyman

Sydney N.S.W. 27 Nov 1864

To Frederick Lyman Esq
[illegible]
[illegible] Sydney - [illegible] Bond Satisfactorily [illegible]
[illegible] Station. [illegible]

Benj. Smith Lyman.

Sydney, 29 August 8[illegible].

My dear President;

I arrived here Saturday night too late to mail anything to you of that date, and too late even to telegraph. So I telegraphed to you this morning, and received your answer this evening. The [illegible] " is just north of the barrier. [illegible] they were boring [illegible] went away. I forgot to tell in the telegram about [illegible] claim being [illegible] and you will [illegible] get my letters as soon. It seems [illegible] to telegraph again. The African Chief Engineer Mr. [illegible] came to the hotel this evening, said Mr. [illegible] had told him [illegible] going away of the claim, and asked for my opinion of this [illegible], of which I [illegible] the situation. He said he was in [illegible] with you in regard [illegible] and that you had just been off [illegible] by the [illegible] money you could leave something in regard to the value of the [illegible] [illegible] me [illegible] the claim but I suppose [illegible] the possibility [illegible] even in that case [illegible] until you should come. The reason for being [illegible] was that Mr. [illegible] was going [illegible] the States [illegible] claims, and if [illegible] should prove [illegible] valuable so that you should not want it to be [illegible] to have it disposed of in the States!! I am nearly [illegible] this claim is probably the one marked [illegible] & Mr. [illegible] position [illegible].

I have just returned [illegible] running of the Sydney & Hawkesbury road and have had rather a 'blue Monday' of it. My [illegible] will nearly [illegible] Sydney [illegible] is [illegible] on the [illegible] road and [illegible] will [illegible] an important bearing on a couple [illegible] I think it will be well to take out besides the knowledge of the general [illegible] of the country [illegible] your present claims [illegible] the correct location of the [illegible] and [illegible] geological and topographical facts will give. [illegible] however, as I consider the requisition of this [illegible] so [illegible] in regard to the work [illegible] that I think [illegible]

go with him some night when a day or two previous I see him
that my duty in and [illegible] morning.
I am to send this evening to write. It has put me [illegible] I
have yet not [illegible] and thank you for the [illegible] and to
send me some [illegible]. The French Steamer Atlantic is here and [illegible]
with [illegible] of [illegible] from my brother [illegible] Bishop [illegible]
Fields & his sister are [illegible]. The latter made an effort to [illegible]
[illegible] and [illegible] me [illegible] to read the last [illegible]
[illegible] and [illegible] a few pieces [illegible] marked [illegible]
[illegible] [illegible] is possible true. I received them in all [illegible]
[illegible] that a [illegible] from religious [illegible] would [illegible]
[illegible] as hers did me. She seems highly [illegible]
[illegible] and [illegible]. Her mother was through his [illegible]
ceremonies I attended family prayers last night in a manner like
unto [illegible] and the very little [illegible] I have seen of him [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] a
good thing [illegible] knowing of his [illegible]. Very [illegible] I do love [illegible]
but it is curious [illegible] [illegible] manners [illegible] and [illegible]
[illegible] at first [illegible]. He was [illegible] at the Union and [illegible]
[illegible] all [illegible] [illegible] Cowboy.

[illegible]

Yours Faithfully
Geo. Smith Clarke

Sydney, 3 Sept. 1856.

Dear [illegible],

[illegible] of the district [illegible] might before last. I [illegible] coming in [illegible] and I saw [illegible] Cowbay and back. I [illegible] not come away for the benefit and the money, being eight dollars again from Mr. Harrington. I found at Cowbay a [illegible] from the Assistant Colonial Officer Nova Scotia Militia and Captain H. Belcher asking you for myself a letter from Mr. Hawthorne, addressed to the care of Mr. Hall Belcher Esqr. "French Consul at Sydney." He says:

"Dear Sir.

"If [illegible] would bring. In reply to your question, I would [illegible] necessary examinations, and prepare a design and estimate for $ 000. in gold; that amount [illegible] and that of such [illegible] to [illegible] in all. [illegible]

[illegible]

C. Hawthorne."

[illegible] during the [illegible] at Q's and [illegible] and [illegible] [illegible] coming, but is just [illegible] that they had [illegible] which does not [illegible] and nothing come for [illegible] Sunday in the [illegible].

The mail [illegible] but no letters come for me. But [illegible] perhaps could not well [illegible] for me. I have a couple more days work [illegible]

Very truly yours. Benj. Belcher.

Sydney N.S.W. 4 Septr 1864.

John W. Sullivan Esq.
Brookline.

Dear Sir;

Your favor of the ninth of August came duly to hand but the prospectus which you talked of sending has not yet arrived.

I have only briefly stated, as I stated in my former letter, the capacity in which I should act professionally, for a salary, or a salary and part interest; but that if you mean to propose my doing so for an interest alone, the matter is quite out of the question.

My relationship to Dr. Geo. W. Lyman is a remote, but I believe not remote blood relationship, any at all

Respectfully yours
Benj. Smith Lyman

Sydney, C. B., 4 Sept. 64.

Dear James,

I received your fifteenth [illegible] on the 1st inst. at Headquarters and that [illegible] I [illegible] at the end of September. No time was no chance of a letter of mine reaching you before the fifth of September. I telegraphed you on the second inst.: "If yet possible get one in New York; send balance from Massachusetts governor." I meant, as I [illegible] you would of course understand, get one recruit in New York if required you must, and send the rest of the money to Massachusetts, I suppose governor is the proper authority from what I see in the papers. Hope the recruit obtaining scheme is still possible. I have found been quite unable with the degree of health I enjoy to attend to such affairs in New York combining the distance up town at which [illegible] business is; but it is perhaps best on the whole for you to take advantage, if any may possible, of this opportunity by exemption. I do not anyhow much expect to be drafted, because since my long absence in and from Philadelphia I am not probably enrolled there. Northampton would be the proper place of my enrolment, although I [illegible] there a little for the past year and have actually at present most of my personal property in Massachusetts. I should much [illegible] be drafted, if at all in Massachusetts, and I think there is more chance that I am enrolled at Northampton than at Philadelphia; and if drafted in either place I should hardly be exempted by non-residence. However, I am ready to run the risk of being drafted in Philadelphia without a substitute there, on a considerable of the greater advantage and convenience of serving me in Massachusetts. I have, therefore, given instructions to [illegible] the disposition that [illegible] I have no [illegible] objection to your taking advantage of the opportunity shown here of obtaining a suitable recruit.

Your affectionate Brother

Ben Butler

Sydney C. R.; 6 Sept. 80.

Dear Barrett:

I owe very acceptable favors of 1st and 3rd inst. are at hand this morning.

I have [illegible] very pleasant communication D11 is open [illegible] Boring No 8. Water [illegible] Reynolds boring at D15 [illegible] Black Rock. I [illegible] Dr is boring at D8 [illegible] and [illegible] boring near D1 [illegible]. On Tuesday last Mr. Smith and [illegible] have the men with the tools and [illegible] one fit on Tuesday when I was at Glace Bay. I am in South Bar [illegible] boring him up with the men [illegible] to [illegible] if [illegible] were to have been at [illegible] on Saturday & Saturday evening they had not been sent out. I asked Cameron to call for them on Monday morning & take them up if they were done, and went myself to [illegible] on the morning. I do not know how much [illegible] will be ready if [illegible] manifest no. Hardy [illegible] I found grain and [illegible] finishing them. [illegible] you [illegible] as well as [illegible] to [illegible] them over [illegible] Saturday morning. [illegible] Smith [illegible] with [illegible] me if the [illegible] so idle for want [illegible] to [illegible] one [illegible] of the men [illegible] to do this [illegible] at a hole that is beyond [illegible] the [illegible] not to seem to be forgotten. [illegible] Johnson [illegible] morning and promises me that morning 6th. Hands and [illegible] that [illegible] for us [illegible] or purpose. I had made up my mind that [illegible] or [illegible] of a week for that is to the time [illegible] the work delayed until [illegible] Shaw's [illegible] and the [illegible] and the rods. [illegible] boring at McKillops & also at D15.

I feel pretty sure that [illegible] Kenzie's claim is worth nothing and I am sorry that we held to same [illegible] of your position. I think the claim of Lelacs Hill (Thomas) [illegible] and we are quite sure [illegible] to something of value on our corner [illegible]. I have [illegible]

Sydney, 6th Sept. 1864.

John Smith Esq.
Govt Resp.

Dear Sir

Your letter of the fourth came yesterday. I send you the rods & key in Ormond. They were delayed as they did not reach Goulb. I hope in the meantime you have had the shipping of the wool. Messrs Thomas Sowerbutts carried on and looked after it. I hope you will have it on the Loring of both Steamers before 6 to 5 next Wednesday.

Send me word if possible by Ormond how you are getting on. I think I should be with you to-morrow

Very truly yours.

Chas Smith Lyon

[Copy.]

Cowley, 7 Sept. 1881.

Dear Bennett

On my way out from Sydney I stopped at Katoomba & Wentworth Falls, & made from the latter place a trip to the top of the Falls. The path is cut in the face of the cliff, & is very steep in places. It is about two miles long & takes about two hours to walk up. The Falls are about 1500 feet high, & the water falls in a single sheet from the top to the bottom. The cliffs are composed of sandstone, & are very picturesque. The path is cut in the face of the cliff, & is very steep in places. It is about two miles long & takes about two hours to walk up. The Falls are about 1500 feet high, & the water falls in a single sheet from the top to the bottom. The cliffs are composed of sandstone, & are very picturesque.

I am now about forty miles from Sydney, & am staying at a station called Cowley. The country is very hilly, & the roads are very steep. The station is about two miles from the river, & the river is about 1500 feet below the station. The river is very picturesque, & the scenery is very fine. The station is about two miles from the river, & the river is about 1500 feet below the station. The river is very picturesque, & the scenery is very fine.

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Pray let me know what you think [illegible], [illegible] paying the men eighty cents a day and as much a [illegible] besides. I think it would make matters [illegible] cost little if anything more. With [illegible] we might have [illegible] eighty [illegible] [illegible] [illegible] [illegible] would be good [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] amounts.

The best [illegible] to dig on the Macaulay [illegible] is [illegible] [illegible] [illegible] [illegible], [illegible] they are boring. [illegible] to take [illegible] [illegible] [illegible] [illegible] [illegible] and as the bed is [illegible] [illegible] [illegible] [illegible] [illegible] to have [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. If the boring [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] pit. It might be desirable to [illegible] one of the [illegible] [illegible] [illegible] Sandback [illegible] the Right [illegible] No 3, for [illegible] will be a [illegible] of coal [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] to find [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] after all and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] back [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] the country [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] any [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

[Copy]

Quarry, 10th Feb 86.

Mr. Harrington Esq.
Surrey.

Dear Sir

I have the cash in hand. Some time ago you
owed me my fifty dollars and a half for Packer

Peter Hussey says you told him we might
have your horse back again on Monday. If you will
be so kind & take that into consideration & bring them
out then, you would greatly oblige

Yours very respectfully

Cow Bay. 13 Sept. 1864.

Dear Benedict,

Your letters of the sixth and eighth were handed me on Sunday by your father. The carrier had failed to call on him on Friday for our afternoon.

I sent you a two coats last night by Comfort as you directed. James tried to send [illegible] the day you went from here, but the boy [illegible] although he stood a long time in the road and called [illegible] [illegible] yet he [illegible] right [illegible] [illegible] that [illegible] [illegible] [illegible] [illegible] in my [illegible] [illegible]. He promised [illegible] [illegible] [illegible] will come [illegible].

I [illegible] have sent you the Adjutant General's letter [illegible] yesterday morning in Sydney. When I was [illegible] I [illegible] partly from the belief that [illegible] and partly because I was [illegible] you on the road [illegible] about [illegible] [illegible] brought out here the [illegible] by Comfort but he did not come at all that day as he [illegible] should and on Friday he forgot to bring it. Then on [illegible] your telegram I expected [illegible] and the letter [illegible] [illegible] Sunday [illegible] Bay [illegible] and [illegible] Sydney in the afternoon by the Grand [illegible] Road. It was [illegible] to get hold of my baggage again, and I hope [illegible] you had [illegible] on Saturday, [illegible] was also [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] I came out [illegible] [illegible] and [illegible] were both [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] coming out here again yesterday [illegible] [illegible] that after [illegible] wages [illegible] would [illegible] four shillings a day [illegible] [illegible] feet [illegible] [illegible] and [illegible] [illegible] [illegible] There was a good deal of [illegible] of a day [illegible] from [illegible] [illegible] [illegible] [illegible] will hasten [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] through [illegible] forty feet in four days and a half [illegible] [illegible] [illegible] forty four feet in [illegible] [illegible] [illegible] [illegible] [illegible] when they had the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] they would [illegible] more than [illegible] [illegible] [illegible] [illegible] [illegible] he had begun [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

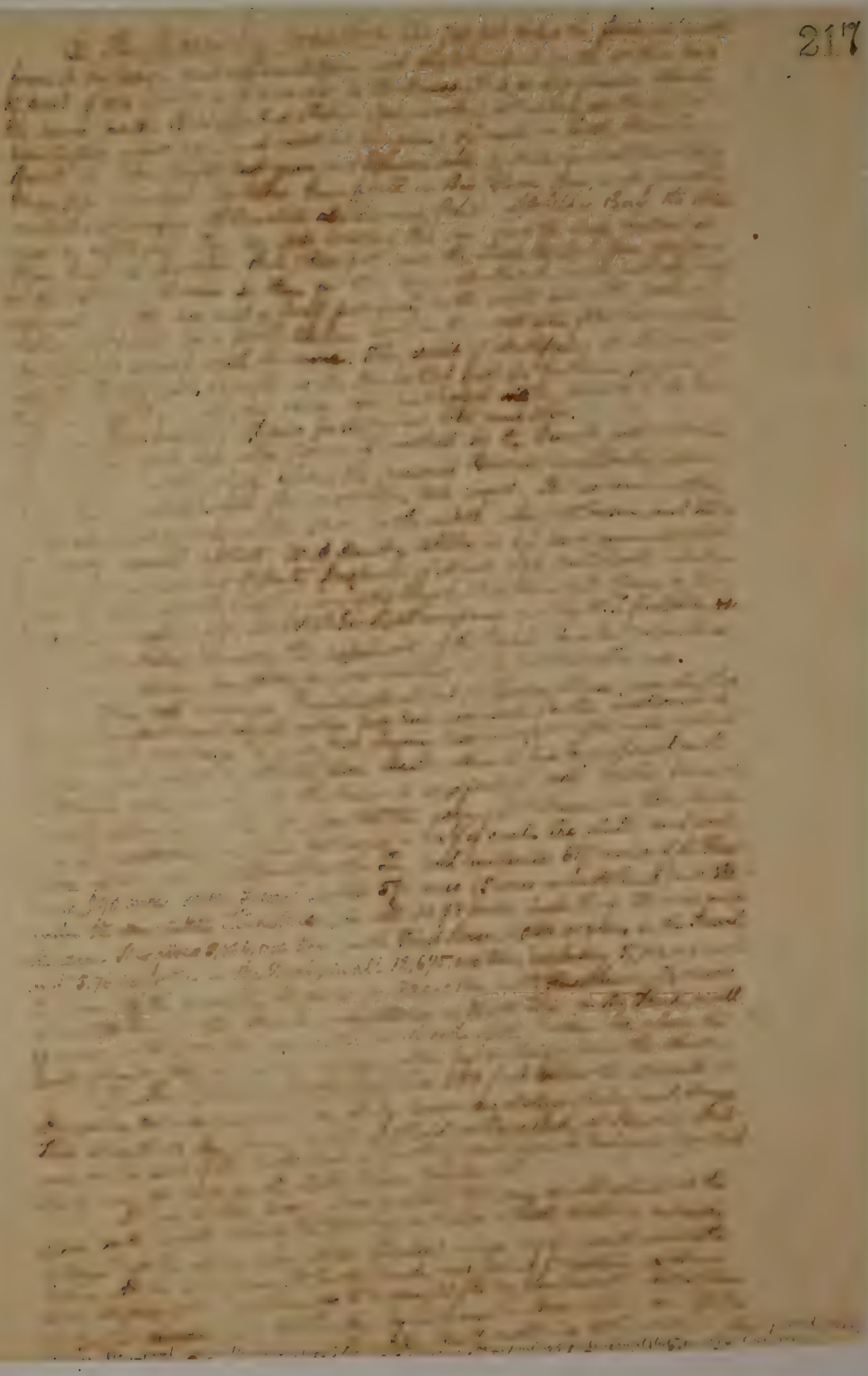
The weather was very [illegible] in the night and [illegible] blew hard [illegible] I understand that [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in front of our house. On Sunday I counted [illegible] [illegible] vessels in the [illegible] [illegible] [illegible] half a dozen fishing vessels [illegible] [illegible] [illegible] [illegible] [illegible].

I have heard nothing from Mr. [illegible] since you left [illegible] [illegible] I have not written for some weeks.

I am [illegible] about [illegible] matters here.

Mr. [illegible] gave me money again Sunday, [illegible] [illegible].

I think perhaps it would be well to [illegible] Peter. [illegible] [illegible] little different [illegible] [illegible] the [illegible] I am afraid [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] small [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] the value of money here and [illegible]



Saturday P.M. [illegible] 1861.

My dear Mr. Bell,

I send you, in haste, as it was a week [illegible] of making for [illegible] of [illegible] Bell & Co. in N.Y. [illegible] dated yesterday, signed by [illegible] and addressed to you. This is one [illegible] of the first orders [illegible] received in [illegible] for the enamelled [illegible] for Bells, and all that you say you will accept for your share in return for the labor you expended on the [illegible] and [illegible] Be assured that I feel sensibly under [illegible] and obliged to you. The mats and [illegible] were finally finished and sent to Bells on Monday. We have been busy [illegible] ever since I came home. [illegible] you [illegible] the [illegible]

Yours truly

Geo. Smith & Son

[illegible]

Dear [illegible];

[illegible] This morning John McKee was grumbling [illegible] to the borings and [illegible] in his place a son of Hugh Nicholson [illegible] in regard to carrying out the [illegible] To day they [illegible] feet and [illegible] hole [illegible] home at night with the impression that they had just got through [illegible] feet down [illegible] half in hard rock. [illegible] making the [illegible] and repairing the screws. They [illegible] morning [illegible] wages [illegible] Mr. Smith [illegible] capable [illegible]

Cow Bay C. B.; 22 Sept. 1864.

C. H. Harrington Esq.
Sydney.

Dear Sir;

I must beg you to send me for Mr. Marshall Bonnet twenty dollars by the courier tomorrow, if this reaches you in time; if not tomorrow, then at your very earliest convenience. The smallness of the sum to mention

If any more of your boring rods are now not in use so that you could spare them quite conveniently, we should also be greatly obliged if you would send us as much of them as you could spare.

Respectfully yours
By [illegible]

Bay, C.B. 22 Sept 1864.

Dear Barnish,

I write to keep you posted, although there is no good news to communicate. I feel pretty well satisfied that we are near the crop of coal in both the holes at Angus the Freemasons, but cannot tell yet from the borings whether above or below in either hole, although I still think we are above the coal. The southern one is now forty one feet and a half deep and is in reddish rocks that resemble those near the tops of the successful holes. [illegible] is the case our hole will have to be dug further east, but I hope the boring there today or to-morrow will show results corresponding with some expectations there in accord with the other holes as that we can know with certainty about it. They bored eight feet in this hole yesterday besides being delayed a good deal with bad access to the hole, for the material Board things was theft left; for some days before that they got on slowly enough ever since the beginning of that hole. The access, in spite of better repairs is in very bad condition; I am trying to get him to put it all right. I have also just written to Mr. Bannister to send out any of his rods that he can conveniently spare; they are said to work admirably, from their superior strength and good screws. The northern hole was also nearly half a day yesterday on account of the screws, the top of the boring head, pieces in particular. They bored but two feet in hard sandstone; meanwhile the screw was repairing Mr. Smith and a couple of holes dug further up the hill. It is said that some red and fossils similar to those above Archibald's Coal were dug up in [illegible] the cellar under Donald the Boyfriend's house. These constant delays are disheartening.

There is no general news of interest here. I think I saw Thos. Archibald go past in Connell's waggon yesterday; coming with Bell's [illegible] has arrived, I believe; and the pony he bought a few weeks ago from Archibald has come back from Stewiacke; it seems it was [illegible] by a car and so injured as to be still slightly noticeable. I saw a gentleman and lady riding yesterday in Bell's carriage, and the former looked as much like Robert as Alexander to his brother, but not Louis. At least two of the wrecks here have been sold at auction, perhaps more

Very truly yours, Thos. Smith Lyman.

[illegible]

J. N. Harrington Esq.

Sydney.

Dear Sir;

Your favor of to day accompanied by twenty dollars on account for the Herald & Journal has come to hand and I thank you for the same.

I remain

Respectfully yours

[illegible]

Received by L.L. 22nd Sept. 1864.

Dear Barnard

Your favors of the 15th & 17th inst. with Capt. Mc Harrington's statement of the money advanced me since you went away is correct: and today we have sent me twenty dollars more making $360.00 in all. Here are the expenditures:

2	Sept. 1864	Gave Holmes's bill for dunkie rent & the carriage with [illegible]	$10.50
"	"	Gave Mr. Smith to buy the oxen	50.00
2	Sept.	Eight feet of one inch square iron @ 2½ Cents, 20	1.30
2	Sept.	Paid Mr. Hedges for [illegible] work surveying work performed	4.00
"	"	" " " 150 lbs. hay delivered and nine cups	1.00
"	"	Gave Mr. Smith to buy the oxen	10.00
"	"	for himself	20.00
7	"	Twelve days at Mrs. Ripley	15.00
"	"	Three days with horse at P. Cusick's	4.00
"	"	A mask for Peter for the Surveying [illegible]	.12½
"	"	Paid John Orr and for carrying wade in and out	4.25
12	"	Gave Mr. Smith to buy the oxen	50.00
"	"	Forty pounds of inch round iron	1.00
"	"	[illegible]	[illegible]
"	"	Paid Comeforth for boy and two canoes and my baggage	1.00
17	"	Paid Hop Hunter for 53 lbs. of lumber and 6 Sawings	.80
		For Cash to buy Hay [illegible]	
		[illegible]	1.50
"	"	For going once to Sydney & [illegible]	1.00
"	"	Paid the men including $2.00 for Mr. Smith	31.11
"	"	Came and fetched the 3d, 5th & 17th Sept. while surveying	1.00
19	"	Paid Wm. Nelson for hay three times	.75
"	"	Paid the washerwoman cash & Slate	8.25
23	"	Gave Mr. Smith to buy [illegible]	[illegible]

Total outlay 328
Balance on hand 2.87½
360.87½

They have bored since Monday morning nineteen feet in one hole and four inches more in the other. This morning at the southern hole [illegible] they pulled [illegible] of the rods and found that the chisel remained at the bottom, owing to a defective [illegible] and they spent [illegible] the day in trying to get it up. They almost succeeded once but then something [illegible] machine broke, and they are going to try it a little again tomorrow. If they fail they will dig a couple of holes to the north and [illegible] of the present one and I may put complaints in the letter. Mr. Smith discharged Terry McQueen day before yesterday for grumbling and turning away one day. The men are now very contented. The last of the southern hole is a very good one, the other with the Prakens not so good. I have concluded to pay Mr. McKenny a dollar a day until you write definitely about him; he is satisfied with that and I should think deserves it. We are now nearly all the [illegible] in good order, and soon will have all. Mr. [illegible] has not sent out his rods to these nor did he mention them in his note, but we do not absolutely need them, and when our [illegible] are all [illegible] we [illegible] [illegible] unless two deep holes are going at once.

I have not examined very carefully the position of Mr. Harrington's claim but my impression is very strong that it is quite worthless, although I cannot speak with the utmost positiveness.

I am satisfied that the [illegible] [illegible] [illegible] longer near D13 and D15 [illegible] [illegible] highly [illegible] that [illegible] Bad is [illegible] further west [illegible] [illegible] [illegible] [illegible] [illegible] of the [illegible] west and [illegible] the [illegible] coal, both of them being [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Bay [illegible]. I see less evidence [illegible] [illegible] [illegible] the three feet coal at D13; but, I think [illegible] [illegible] would be possible [illegible] above on the [illegible] [illegible] [illegible] [illegible] [illegible], and it will not be difficult I think, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] of the [illegible] [illegible] [illegible].

I should like very much [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], but I think it would not be well [illegible] to leave [illegible] until the present borings are done. I met Mr. Kenyon the lawyer in the street as I was coming out from Sydney [illegible] time and he said he should like to have me examine a coal claim at St. Peters in which he is interested. I am afraid it would be a waste of money [illegible] [illegible] nothing very definite about it [illegible].

It is very late and I must stop. I think I shall not go into Sydney tomorrow [illegible] [illegible] [illegible] by [illegible] Bay and [illegible] Sunday morning and [illegible] [illegible] letter [illegible] the [illegible].

[illegible] [illegible] [illegible]

[illegible] Bay, C.B.; 26 Sept 1864.

Dear Bruce[illegible],

I have nothing of much interest to communicate. The boring [illegible] along as usual. They bored in the northern hole three feet and a quarter on Saturday and four feet and a half today, and are now thirty four feet four inches down. The [illegible] is [illegible] any of the others, but does not [illegible] especially [illegible] but on the contrary still [illegible] [illegible] [illegible] went [illegible] Saturday and [illegible] [illegible] [illegible] rock. If we are [illegible] the coal in this hole [illegible] above it yet [illegible] bored thing [illegible], [illegible] hole must be dug and [illegible] for it sooner or later and [illegible] depth, this to be abandoned [illegible] and a new hole [illegible] fifty feet north and [illegible] enough for this digging, the [illegible] hundred feet [illegible] to guard against [illegible]. [illegible] of these holes [illegible], and this [illegible] I should prefer [illegible]; but if we should get the coal [illegible] the north side of the [illegible] it would [illegible] we had to dig [illegible] right away, especially if the [illegible] company [illegible] of [illegible]. The [illegible] on the [illegible] [illegible] and [illegible] be distinguished by [illegible] [illegible] [illegible] apart

I remind you of it frequently that you are [illegible] and are going to excite if possible some emulation among the [illegible] of Augusta in your favor. Your friends are good enough, the Record says. The Chronicle says it does not care very much. The Herald has not noticed this subject since I made my report for last week; and now it is open season since it is a new hole we shall have to go over again. But I trust the last week will be the brightest. Harrington will be stronger and not better. If you get a day, visit the church [illegible] with a view to [illegible] on Sunday when the roads are passable, and a letter to reach [illegible] on Saturday morning.

Lest you may have seen my mistakes by the mail or otherwise I would mention that I wrote you on last Wednesday night or Thursday morning enclosing the letter by John Osmond on Thursday morning; and also wrote on Friday night by Saturday's mail, giving account of expenditures; and wrote also on the [illegible] by Tuesday's mail.

Yesterday I received both of the letters and I stamped them and sent letters. I am trying to keep up my correspondence, starting it after by night.

I am very busy [illegible] today as you suppose, with my [illegible] and find it not very agreeable to be shut up in the house.

I notice Abbe, you letter on the last Christian Union and find it admirable. I think you can send [illegible] with flying colors from letter from Washington.

Tom Owen Cobb's [illegible] and [illegible] by a stroke; better a bad day's [illegible].

Yours truly

[illegible]

Sydney C.B. 28 Sept. 1864.

J. N. Comeau Esq.

Dear Sir;

Your favor of the 21st was sent me here endeavoring to my absence Sydney did not reach me until the seventh. I was delayed in replying to the expectation from hour to hour of getting a letter from you again within a few days as you said. I have written for the Campbell licenses. For some days past I have been unwell and not able to attend to the progress of affairs at the Mines. I am pretty well recovered however to-day and I am glad to go over there. I was there a few days ago yesterday and found things going on very well although the progress seems slow. They were delayed a good deal by some trouble in the [illegible] of the shaft which was also somewhat deeper than a few feet at one place. It is good solid rock and is hard to work as it is [illegible] for any building that may be necessary. The shaft is finished some few hundred feet from the shore and will be many feet more. [illegible] when Sandy Butler will get to work there. I [illegible] sight of them on Monday morning. I think this is very well for it is highly desirable to get the [illegible] dry after the continuous wet weather we have had. The [illegible] of the sides I think Sandy is very faithful and that the appearances of the work is due to really great [illegible] work and work there will be removed, and the small number for workmen. I mean to go over there again next Sunday and will then write to you again.

I am not quite sure that I could do much in the way of procuring the Campbell Claims even for the purpose you speak of; but think more likely that I could do all that [illegible] for that and shall probably certainly be able to give some good advice in regard to the location of licenses &c to work, by the time I return to the States.

Very truly yours,

[illegible]

Cambridge C.H. 26 Oct. 58.

Dear Mother

I have been [illegible] and received by [illegible] for the 6 previous but I was not only reflected reading your letter of the 12th and [illegible] but have now to acknowledge receipt of [illegible] letters of the fifteenth of August and one of the [illegible] of the same month. I am very glad to hear that the Dobbins children are going to school to Mrs. [illegible] and I think it will be a good thing for the Dobbins and for Virginia. I am sorry however to hear that Mrs. [illegible] is not well and that Mr. [illegible] is [illegible] about [illegible] but I hope that if he will not be [illegible].

I do not think there was any truth in the story of Virginia's going to Arizona, & I guess that was only one of Edmund Mottu's jokes. His letter only seemed me by the [illegible] and an unintelligible [illegible]. I do not think that Virginia will go there at present, and the real motive. Mrs. Mottu and Jennie in the country, and Edmund at home. Mr. Virginia [illegible] in the mines a pretty good fellow and I like him very much indeed, but I do not think he has [illegible] to marry. It was a pity he did not take a fancy to one of us instead of to Virginia. He could have found it in his heart to [illegible] at Lexington, and [illegible] that the [illegible] were of good quality — no doubt he would. The only thing I had to complain of was that such a small piece of [illegible] was sent when we had [illegible]; but I was not aware that it was part of his [illegible] to have that sent as a present to them. I am curious to know the result of the [illegible]. I thought the [illegible] would have been invited to [illegible] and that the [illegible] would have been used; but I have heard nothing about them since I left Philadelphia.

I am living here [illegible] at present. Mr. Parrish has gone for some weeks to Cleveland where his wife lives, and

The Ship is extremely cold and [illegible] gales, and several of
ones lost last year, and seven men were drowned in Spring Creek,
in a boat from one of them. It is folly [illegible] vessels are
in a boat at such time for the weather remains for months at a time
years before you [illegible] bottom is so [illegible] and there
seven men [illegible] were lost in their vessel with the second [illegible]
[illegible] Captain Collins [illegible] are crowded in coming from the boat to the
vessel and the [illegible] were still living with [illegible] for a night before
after [illegible] came on them last fall. The first day from [illegible] for
[illegible] one of the dead bodies washed over [illegible] the night by
[illegible] us here we got here [illegible]. As soon as the storm [illegible]
the boats were sent to [illegible] stripping [illegible] and within a week
ten [illegible] were able [illegible] auction and a third is the [illegible] and
[illegible] in the after [illegible]. The fourth was [illegible] and [illegible]
from the [illegible] at a [illegible] side. When Mr. Ashurst [illegible] by
[illegible] and [illegible] about four [illegible] at Pollins [illegible] down the
[illegible] house, and [illegible] [illegible] vessel to take a [illegible]
[illegible] Capt. Hall [illegible] sail [illegible] as the [illegible] [illegible] coming
[illegible] of bad weather such as the reputation of the [illegible] [illegible]
[illegible] there were eighteen [illegible] vessels at anchor in the [illegible] time
[illegible] gather stores and a few days before [illegible] were [illegible] that

Sent the Star of Empire [illegible] Boat [illegible] to
Boston Commercial [illegible] and got many [illegible] were shipped from them
and the wages they [illegible] Horses and [illegible] the Shelf for [illegible]
by the Ship I am [illegible] that Dwight my excellent friend and
Come to America. I hope [illegible] will be off again [illegible] the
Spring time, as [illegible] so ill miss seeing them. He sees me [illegible]
and family have come [illegible] him. His [illegible] you know is [illegible] of the
Chapman of Boston and [illegible] and is a very [illegible] woman she
had by them I was in Paris a few days from [illegible] and an
infant girl that [illegible] became [illegible].

I am going to try and straighten up my correspondence and
as a finish [illegible]

[illegible]

[illegible] Esq.

Dear Sir,

[illegible] and [illegible] my claim [illegible] as I had already felt bound to my partners. I have been constantly [illegible] of this promise, & first however I was very [illegible] of the delays in the progress [illegible] and I have regretted my [illegible] greatly.

I am [illegible] you any of the [illegible] that it has fallen [illegible] I may say [illegible] that the mine was extravagantly managed, as all [illegible], but in one [illegible] of the mill. I learned then to that the chief part of the good ore [illegible] opened a vein would be. The rich part of the vein [illegible] five feet, but it [illegible] at the [illegible] and [illegible] of [illegible] is only one [illegible] vein and the claim, with the Savage Claim. But this [illegible] and a way as to diminish rapidly in [illegible] of the productive [illegible] with the [illegible] increasing [illegible] the Savage claim, at least [illegible] Should it not [illegible] [illegible] of the vein altogether [illegible] very rapidly.

[illegible] rich [illegible] because [illegible]

[illegible] Savage [illegible] Gould & Curry [illegible]

A rich [illegible] like that [illegible] and is a [illegible] of them in view of us. The [illegible] very [illegible] perhaps the [illegible]

to explain my meaning [illegible] and the value of [illegible] in California, and [illegible]

they were inferior and we lost the pleasure of the [illegible]
previous year.

[illegible] from the back of [illegible] to the [illegible]
[illegible] stormy. [illegible]
[illegible] the mountains fully [illegible]
[illegible] visited one of the [illegible] and [illegible] with all
[illegible] and returned [illegible] in a [illegible]
I found the mining and the machinery of the mills very [illegible]
[illegible] and [illegible] more watchful than the
dark [illegible] for the richness of the ores that were under
[illegible] and [illegible] as well as part of the gold is [illegible]
from [illegible] in the [illegible] but I was [illegible]
full in my [illegible] [illegible] [illegible] [illegible]
[illegible] length [illegible] and I had [illegible]
[illegible] the remedy [illegible] against this we [illegible]
which [illegible] [illegible] [illegible] [illegible]
I shook the [illegible] and [illegible]

[illegible] [illegible] [illegible] [illegible]

without delay; by the [illegible] [illegible] [illegible]
and [illegible] [illegible] [illegible] [illegible] arrived in
Philadelphia [illegible] [illegible] [illegible] [illegible]
left in my pocket. I [illegible] [illegible] Sunday [illegible]

I was charmed with the [illegible]
[illegible] of Illinois and Indiana, and [illegible] with [illegible]
[illegible] [illegible] [illegible] of Pennsylvania, [illegible]
[illegible] and beyond [illegible] [illegible] I was now the [illegible]
years since I had [illegible]

On arriving at Philadelphia I found [illegible] of my [illegible]
[illegible] [illegible] still [illegible] and [illegible]
[illegible] [illegible] [illegible] [illegible]
month; for this we had a demand for [illegible]
every day was of [illegible]

Bay C. B.; 21st Sept. 1869

Dear Brownie,

They began digging yesterday a mile & a half each side, north and south of the hole they had down on the south side of the basin near Angus the Roman Catholic and today they made the mile to the southward and put the men in and got ready for beginning the boring tomorrow morning. They found some coal in digging this hole and that resembles the coal. The coal to be tested is similar to the coal at Sydney Mines but is more brittle than the coal. In digging the hole they found no [illegible] coal,

At the hole on the north side of the basin they found yesterday only one foot and today four feet,

If some of these men ought to be discharged they can be.

This hole begins to look suspicious to me.

I think it best to continue [illegible]

no end

to the chance of [illegible] finding one of the others, for then comes the coal easy just as it is.

I [illegible] letter to the Inspector and [illegible] very tired and sleepy [illegible], as there is no chance of my [illegible] except by it you know. Indeed I think there is no more at Bay, if there is, I have been to much trouble about [illegible]. I did [illegible] as a bad play that came this afternoon. [illegible] Love is a piece of deceit [illegible]. My pony was to be in [illegible] this morning but [illegible] quite an uproar one considering the folk one when I was quite off my [illegible] immediately a general skipping in order all for her good. Silence and upheaval by Ford are making me figure [illegible] them was.

I remain, as always,

Very truly yours,

Roy Smith Lyon.

Sydney N.S.W. 28 Sept. 56.

G. H. Harrington Esq.

Sydney.

Dear Sir,

I must ask you to send me this week for the Sale Book by fifty dollars in small bills and specie, as much of it small as you may find convenient, and oblige

Yours respectfully

Benj. Lett Lyon

Coaling [illegible]

Dear Harriet,

[illegible] [illegible] arrived [illegible] yesterday [illegible] for [illegible]. [illegible] that you was [illegible] [illegible] been [illegible] from [illegible] receiving no letter from you for some time. [illegible] since you went away no [illegible] on this coal claim [illegible]. I have been [illegible] since yesterday [illegible] of this Coaling basin which I think will have a more correct [illegible] of it than we [illegible] but I am not yet sure how it will affect the [illegible] so that [illegible] in [illegible]. [illegible] you would be pretty safe in [illegible] a little for the claim, but it would be much better for you [illegible] solely in return for your [illegible] in selling the claim or for having it [illegible].

My [illegible] is a scale of four hundred feet to the inch [illegible] my work [illegible] that it was impossible to take all or even a large part of it in at one view so as to get a correct impression of the structure of the country from the various [illegible]. I have been [illegible] this week in making reductions of these plottings, and this has led me [illegible] change of [illegible] in regard to the shape of the basin. The dips towards [illegible] and [illegible] seem to indicate that the basin [illegible] more [illegible] and has a blunter western end. [illegible] if it proves true will add [illegible] to the value of your western and northern claims. The dip at [illegible] and [illegible] are what bother me. I am going to examine them again carefully for [illegible] [illegible] one [illegible] week. [illegible] thing seems [illegible] [illegible] at that [illegible] and have [illegible] not at all, so that it seems to be a local disturbance [illegible] for except by a small earthquake or something equally [illegible] that point would be impossible. I am going to have [illegible] [illegible] to examine the rock more easily. [illegible]

Low Bay, Cape Breton (Nova Scotia), October 1862

My dear Miss Chase:

I have been owing you a letter now for nearly a year, and have dozens of times reproached myself on the eve of discharging the debt, but have always, for some expedient reason or other, neglected to do so, and have suffered perhaps as severely for this neglect, a total absence of letters on your part and Aunt Susan's to say nothing of the younger belles of the family who probably gave me up prudently as a hopeless case in the matter of letter-writing years ago. I am now undergoing chastisement on epistolary offences and I am determined briefly to kill unanswered letters, and then, thereafter, to answer all letters by return mail, and so never have such an accumulation of epistolary debts hanging before the good resolution will go to sleep & cease in place of paying them.

I was very forcibly reminded of you all at Jamaica Plain over three weeks ago when I lodged for three nights at a house six miles this side of Sydney, while I was surveying along the road. I had taken with me then from home some writing materials with the intention of writing you and although after this reminder I was all the more earnest upon doing so yet I was so fatigued every night with the work of the day that I felt quite unable to write. I had heard that a young woman in this house, a daughter of the family, had lived in the States, and had but recently returned home on a visit. So the first evening, as a young woman was clearing away my supper things I asked her if she had ever lived in Boston. Yes said she she had lived there two years in Arlington street near the Common, but two of her sisters had lived there much longer than she, and it was one of them that had just come home on a visit but who was just then in bed. She brought me three books to look at, which had belonged to young ladies, who had resided, she said, at or near Jamaica Plain. She explained that they were daughters in the house where two of her sisters had lived, also Jamaica Plain, and that their names were Morley; in fact they were daughters of Prince Morley. My informant's name was Emerick and she is a

visitor [illegible] [illegible]

Lowell, C. E., October, 18[illegible].

My dear Uncle

Your favor of the twenty-first of June enclosing a letter from Northampton was duly received in due time. I left Cleveland on the night before I sailed from Boston not with the expectation that you would be able to hunt me up in Boston the next morning as I had urged Mary to accompany me to Cape Breton and had asked us to meet me at your house. When I found that I should reach Boston so late to go to Jamaica Plain I was at a loss to inform you owing to my ignorance of the city; and thought that if Mary had concluded to go she could meet me at the last moment at the steamer. But the letter you forwarded contained her regret at not being able to come. I was very sorry indeed to lose the visit at Jamaica Plain that I had been anxiously on & have been trying to make myself [illegible] the intention of seeing you in Boston. Would you or any others of the family.

My work here was very much longer than I expected when I came, and I now see enough before me to keep me until winter, and perhaps more than I can do before that. Much of my work is actually on deck and there is beside a good deal of field work that, if done, would give me some office work for the winter and in part to give me information that would be in demand and worth money. I can tell you that in Nova Scotia [illegible] Have you or any body else whom you know any thing of the geological situation of the country I am [illegible] to the rise in all [illegible] and am treated accordingly. I don't know but you will even [illegible] the light figure I was for me in my return.

We are not a little pleased as I know, that Mr. Longfellow has come to America, as I learn by the Advertiser & Evening Post. Hope he will not be gone before I return home.

My health this year has been more comfortable & even well of late. It was better especially the first part of last year. Have certainly had at least a trial effect made from the use of [illegible] [illegible] [illegible] [illegible] getting while last year there seemed to be no end of [illegible] to the end.

Please send the enclosed letter to [illegible] and believe me always

Yours affectionately [illegible]

Low Bay C.B.; 30th. 87.

Dear Bourinot;

Yours of yesterday was brought me this afternoon by the [illegible] with the package of fifty dollars. I have just been making out the different parcels of the men's pay, with only twenty on account of the small amount of small bills. I have had a bumper Potato crop with but few [illegible] and [illegible] [illegible] and notwithstanding I have been obliged to leave one of the other men quite unfinished until I can get them enquired for during the evening at all Hotels and at the [illegible] and [illegible].

They bored Saturday at the bottom hole four feet, today only [illegible] a half, and are twenty four feet down, in very hard sandstone. The other set of men continued on Saturday the series of holes they began Friday, a hundred feet about up [illegible] the hill; and as soon as [illegible] will were very near they finished them all. I warrant to take the dip in them, and found it in all where it was the determined about 11 degrees, as the hills sat through. The men have been digging a hole a couple of hundred feet south of the most boring, and a hole some fifteen hundred feet south of that. This last is for a boring on the Mc Kinney head. Mc Kinney [illegible] the way says that the coal by his house which he has been working at a little to the right has become three feet thick. Just then Mr. Smith [illegible] a light [illegible] and saw, Peter said the roof had fallen in so as to [illegible] it. He is to [illegible] if so. The holes they are digging south of the most boring [illegible] one if it is the lowest instead of the most [illegible] for the indications at present are that in the coming [illegible] one [illegible] more than twenty feet above the coal, so that if they reach the rock in the next hole within a reasonable distance they will get the coal there enough. I had the hole by Peter Chapman cleaned out this morning to take the dip there, and found the dip to be what I had guessed before; but I am not understood if for continuing either eastward or westward in the strike of the rocks then you find quite a different [illegible].

I took [illegible] Low Bay and Port Hastings yesterday morning. I will give a letter here on Saturday which you can [illegible] when you [illegible] yesterday. Very pleased [illegible] came. I am very glad that as soon as [illegible] Sydney and [illegible] you will [illegible] again in a few days and [illegible] you.

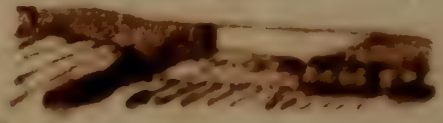
Yours truly,

Dutch Bay, C. Co. 3 Feb. 61.

J. M. Emmons Esq.
Boston.

My dear Sir;

I went over Monday evening. The [illegible] was on. I found we had advanced about twenty one yards since my last two weeks before, and that we had had a considerable [illegible] with. The surface of the rock has been rising higher and higher until at last in the spot where the bone dirt mostly has been removed the rock is some nine feet above the bottom of the drain. This I take to be the surface of the bottom rock, and in that case it will rise as we advance the water level will be [illegible] and the top of this bottom rock just about the distance from the upper deck we are [illegible] now dig, dig, dig, and perhaps have to [illegible] and a [illegible] in it yet. This seems to indicate the presence of a reef rock and the earth has been removed from through the distance of [illegible] feet from the shore, to a depth of some fifty feet. The progress is [illegible] is very slow and discouraging to Handy. He will tell you more than I can about it, and the cause of this apparent slowness, for he knows you may not properly appreciate it and may think he is not working as well as he can. But I think you can rely fully upon his fidelity, and will bear in mind that he has but eight men and a boy including himself and that the work is very hard and has to be worked with powder. I find that they have removed on an average about eleven cubic yards each working day, the last three weeks, and perhaps a third of that has been solid rock. They have advanced the drain and shaft forward during the twenty one days about twelve feet. At this rate of progress the next five weeks will bring them to the end of the drain, and then we shall know



[illegible] of the drift above which however is to be [illegible] of [illegible] affairs will [illegible] the drift is less aggravated, making the [illegible] drain [illegible] than at present.

Very respectfully yours, Chas. Scott Spencer

Dover Bay N.B. 7th 64.

Dear Father

I [illegible] this evening I am happy to hear of Emma Bramley's marriage, and I suppose she is done with. I should be glad to see my grandmother with us and with us soon. I am glad to hear of Sarah Jane's intended marriage. I thought something of this kind would happen as the match is agreeable not only to him but to the family. I hope [illegible] visit to Boston; it would be a good change for her and she has known everybody.

In your letter of the eighteenth of July you ask for some information about [illegible] Coal. Boston coal as we generally call it is a pleasant coal to work with. The coal we find here and at Pictou is of a softer nature is bituminous like the coal of western Pennsylvania, burns with a flame and with ashes and is running into cinders together. It would therefore be scarcely fit for burning in a stove such as those you commonly use for anthracite, for owing to its caking the coal would not feed down regularly with the burning. Now the coal is [illegible] burned in an open grate, and it would do well enough in a stove as you may read in your catalogue &c. Although when the coal is semi-bituminous only, it [illegible]

[illegible] Sydney Cape Fear River North Carolina
15th Feb '65.

[illegible] Knight
[illegible]

My dear friend.

Your note of the 12th of last month has not [illegible] me in the way of Philadelphia since Mr. Kinsley [illegible] his promise to [illegible] promptly. I am pleased that you wrote & informed me of your arrival - I received your [illegible] my address. You have probably received before this a letter I wrote you more than two weeks ago announcing your arrival announced to the newly [illegible] - I sent it under cover of a note from the proprietor directly to you, if he knew your address as it was [illegible] Wendell Phillips who would [illegible] sending him newspapers. I regret exceedingly that I am not at home to receive you. I [illegible] you a most [illegible] welcome on your visit. I hope you have had an opportunity to go [illegible] a home of his wife into the mountains of Pennsylvania. She could tell you a great deal that would interest you on [illegible] of the geology of [illegible] and the [illegible] Counties. We [illegible] hospitality [illegible] you, and I know he would be glad to [illegible] you.

Although your letter does not [illegible] much encouragement I must [illegible] you are intending remaining in the State at least [illegible] December then I shall return there. I will very much on my own account you were here according to the plans I [illegible] in my former letter; but you will find the [illegible] much more agreeable in every respect this winter. I hope I shall arrive home in time to [illegible] my humble efforts towards making your stay in America pleasant.

Remember me most kindly to your wife and family and believe me always

Yr affectionate friend.

Benj. Smith Lyman.

[illegible], [illegible].

My dear Mr Lesley,

You [illegible] of the twenty [illegible] of [illegible] month [illegible] Mr Lengel [illegible] called on today. I am very glad to hear that your health is improving; I only [illegible] figures [illegible] than days ago in a [illegible] way. [illegible] Lengel, and as he says he [illegible] to make a tour in the middle [illegible] states I [illegible] been able to accompany you on a [illegible] trip [illegible] Pennsylvania [illegible]. If you could give him a letter of introduction to Mr. Hall [illegible] it would be of value to him I think, [illegible] to [illegible] by the [illegible] Mr. Hall's collection of fossils would be extremely interesting to Mr. Lengel to say nothing of his [illegible]. If you wish to do your Philosophical Society an honour you could not do it better than by getting Mr Lengel elected a member of it; and I [illegible] he would himself consider it a pleasing attention.

The boring has advanced very [illegible] indeed with all [illegible]. We have [illegible] no [illegible] since I wrote, but I expect we shall tomorrow or next day, as the [illegible] bored [illegible] [illegible] to [illegible] [illegible]. This is on the Macauley coal, [illegible] of [illegible], a mile and a half [illegible] of the bore hole [illegible] at Morrison's [illegible]. They are also boring for the [illegible] coal [illegible] [illegible] of [illegible] and I think [illegible] [illegible] in [illegible] [illegible] the boring on the north side of [illegible] as I [illegible] [illegible] [illegible] [illegible] because [illegible] making a collection of my [illegible] of the [illegible] and Sydney and [illegible] [illegible] [illegible].

[illegible] [illegible] [illegible] to the north [illegible] I had [illegible] from the [illegible] [illegible] by [illegible] the [illegible]. I find it hard to reconcile my observations of the dips [illegible] on [illegible] [illegible] Bellevue [illegible] [illegible] [illegible], [illegible] corresponds with the [illegible] [illegible] anticlinal axis [illegible] on the [illegible], and explains [illegible] [illegible] the topography of the [illegible] all the way to Sydney. One of the [illegible] [illegible] that I [illegible] [illegible] [illegible] [illegible] [illegible], although [illegible] by dipping [illegible] continues in [illegible] direction from [illegible] [illegible] [illegible] to north [illegible]! [illegible] minds me of what you say on page 159 of your manual [illegible] [illegible]

Carsbay, N.B., 18 Feb. 184[illegible]

My dear Barrick,

Macdougall brought me his account, your bill and Mr. Lee's and the chart and found a couple of hours to assist me. I have studied [illegible] the locality delights you indeed.

The material I need to begin is the timber for the Wellesley and was quite astonished in appearance, and we are probably within fifteen feet of the top of the [illegible]. The boring here goes on very slowly, only two feet and a half [illegible] and the hard but the stratum is still clayey. If we get the Wellesley as I feel quite sure of doing I think the Mr. Lee must be successful too.

The third pile at Sandy Harbor is going on very slowly as you probably learned from John Morrison, who called here this morning on [illegible] from town.

I think I can fix [illegible] the contracts of the two roads and contracts for Bridges, near the village of Pictou in the direction of the new road in the western [illegible]. I hesitate, however, about until I see you tomorrow, they [illegible] got new men today on the middle [illegible] and we will probably be engaged in a couple of days and we could join only [illegible] days and to-morrow.

Macdougall finds only fifteen feet of water at the [illegible] cove in the Lake, but a good bottom. Pictou would suit [illegible] Big Glen Bay as a shipping point of [illegible] materials

[illegible] Very Sincerely Yours [illegible]

30th. [illegible] — We shall [illegible] today that we [illegible] kept us here [illegible] wish you could [illegible] more in [illegible] kept come. Meanwhile they will [illegible] get along with us, [illegible] we have [illegible] free.

We are [illegible] hundred [illegible] which are [illegible] about thirty [illegible] as I make [illegible] to-day. We [illegible] [illegible] fish — [illegible] were working [illegible] at [illegible], although we have been [illegible] expecting to resume work at the [illegible]. The new drilling rules that Sodbel [illegible] but probably [illegible] from want of [illegible].

Jimmy Nielson is just riding up from Archibald and was [illegible] in getting [illegible] after all from Archibald himself without difficulty. The other application for it was made by Billy [illegible] Stephen Smith Jr., and was opposed.

It is [illegible] today, as I feared it would be, so you will [illegible] not [illegible] out. What a party we have [illegible]

[illegible]

Mr. Lesley sent me the [illegible] just as I was getting a little [illegible] from a severe illness of a fortnight, an attack of [illegible] and from which I [illegible] convalescing subject. He seems very [illegible] here [illegible]. He says it is possible that no financial crash will follow and that the most [illegible] of enterprise will continue [illegible]

B. L. F.

Angus McDougall to
at Angus McIntosh.

[illegible]
Mr. Bennet [illegible]
[illegible]

Cow Bay, C.B.: 17 Oct. 1864.

Dear James:

Your kindly esteemed favor of the second instant is at hand. I was [illegible] you a first bill of exchange for one thousand [illegible] currency) drawn at sight by George St. Vincent Pinhorn [illegible] on Messrs. James Hunter & Co., 64 Fleet Street [illegible] in favour of Messrs. Morris & Lowell, and endorsed by Messrs. St. Vincent Pinhorn [illegible] in favour of Marshall Bowes Esq., [illegible] by Bonsfield and in your favour by me. You are so kind in your letter request me in each bill that I [illegible] cause [illegible] Hunter & Co. to Ready in a similar amount [illegible] any former remittance. Write yourself or through [illegible] for you to endorse [illegible] by mail. I shall patiently await an answer for amount that is due me from Mr. B[illegible]; for the unexpected length of time my [illegible] applications have drained his available funds.

[illegible] was fundamentally allowed to [illegible] write [illegible] with to commit it. Farmers [illegible] Critics remarks as my own. For since [illegible] appearance of "Evangeline" I must have been misled [illegible] in receipt of my information from Boston, and so far as the [illegible] are [illegible] I must confess to claim the sole credit of conception although the conception may have been worthy as you say of poetic art, while the rest is commonly attributed to Mrs. Partington [illegible]. The malady of which I complained, deep seated as it [illegible] has nearly disappeared during an almost total abstinence [illegible] of about two weeks, and I cease to say not with Thomson "Come Gentle Spring" but am comfortable as "accustomed seat or even the sofa". The cry is sometimes worse from the difficulty of going with springs myself sometimes a feather.

Remain as ever, Your affectionate brother,

Jas. Inches Bowes.

[illegible] Oct. 1876

Dear Barrett

[illegible] inform you that I am the first to [illegible] will probably be finished tomorrow night and he would be glad to have a visit from you at the first [illegible] I sent him yesterday for about sixteen yards of rods for fear of running short as the rock [illegible] about thirty feet and we had become [illegible] with [illegible]

The boring seem to get on slower [illegible] Monday they were somewhat delayed by the steam, but made at the new hole only nine inches of very hard sandstone and at the four hole one foot of softer sandstone. Today at the four hole they broke one of the steam drills in the hole and spent [illegible] more than half the day in getting the rods out and bored in three of the other holes only sixty inches in the same [illegible] sandstone. At the [illegible] yesterday they bored only two feet nine inches, only a part of it very hard. At the new hole they were fifteen feet eight inches down last night and Mr. Smith [illegible] a wedding for having done more boring in three [illegible] four hours, a [illegible] than [illegible] before. It seems that John Morrison and Sandy Stanton have confined their labors to the rods and [illegible] superintendence, instead of taking their turn at the digging as I thought instructed the Triumph Sandy, Wm. Pearson and [illegible] all three of the drill [illegible] turns about an hour each at the digging and as the ground is very wet and the water comes in [illegible] they must work, or they say during that hour as if they were in a hurry, for they are resting while at it the while.

I am afraid we shall have to get rid of the whole kit of them but it is perhaps best to [illegible] a wedding first.

If you go out to the Beach I hope you will call here. There are two men digging beyond [illegible] one of them is that Angus and I am afraid last month is according to [illegible].

I remain as ever

Yours truly

Benj. Smith Lyman

Cow Bay, C. B., 22 [illegible] 8[illegible]

[illegible]

[illegible] this week [illegible] about ninety [illegible] since Saturday [illegible] in each hole, [illegible] in the trial pit [illegible] ten feet and a half [illegible] and [illegible] [illegible] the whole time. [illegible] and the [illegible] contrary [illegible] and [illegible] to a solid rock.

M[illegible] [illegible] evening [illegible]

Very truly yours

Benj. Smith Lyman.

[illegible], 21 [illegible]

[illegible]

I [illegible], together with [illegible]

[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] the coal which was [illegible] [illegible] the coal [illegible] bottom [illegible] [illegible] sandy and [illegible] [illegible] [illegible] least three days at [illegible]

[illegible] Sand Lake. [illegible] [illegible] finding a good many [illegible] rock but [illegible] hole [illegible] out [illegible] [illegible] rock. I found [illegible] about eight [illegible] [illegible]. It was [illegible] [illegible] the big rock [illegible] [illegible] [illegible] [illegible] the same as the [illegible] [illegible]; but I could find no [illegible] rock [illegible] different [illegible] from that [illegible] by the [illegible]. They [illegible] [illegible] holes [illegible] found [illegible] the second hole. When the [illegible] [illegible] [illegible] [illegible] [illegible] for which I thanked [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] the [illegible] by pushing the [illegible] with a [illegible] [illegible] hole [illegible] the [illegible] [illegible]

delay. If you desire it Sir would not personally wait upon you with the map but you take it to Harvard & there examine it; I would take the map invisibly with me and was I would find out an opportunity about. If it would suit you as well I would like to do that rather than for public work & waste. I can say nothing very decided about the Gold of the Rocky Mountains until I am examined to make about the Gold of the Rocky Mountains from Examinations and Numbers for another long interval of time and...

I must still add most decidedly to opinion that I have already several times expressed upon that the Rocky Mountains do not exist upon the eastern part of your third claim, or only in the neighbourhood of Lake Winnipeg where the new digging for the Red River route to St Paul and to Pembina are to cross. It will see by the map in the possession of the Hudson's Bay Company that the Rocky Mountains never can possibly cross or even be within your claim, much less on to the Columbia River.

In regard to the mineral boring I am very confident that both Lead & Coal are to be found in abundance, but from position of the country must still be of the Prairie where further confidence had been proved by the Lake digging there beyond Sandlake. I am as much as ever disappointed that you have left Derby. I am sure I have been very much with and very impatient to see that Book. Besides the fatigue, as my dear friend Spencer, a Scotchman, has left by come on a visit to Scotland and I fear he will go away before I get there. Even if you could have Derby till the end of the summer with you to work about always of which I have often spoken to do some during my Examination in the evenings some of that work already done, and clear up some points with any of the Claims appeared under survey.

As to money we are sure I suppose you can make of this a good opportunity of spending it.

Yours truly
Chas. Lyell

Cow Bay, C. B., 24 Feb. [illegible]

J. H. Converse Esq.

Dear Sir,

Your favor of the fifteenth of October is at hand [illegible] and [illegible] by [illegible] in [illegible] day.

[illegible] I found that the [illegible] had been as [illegible] in the [illegible] weeks as in the preceding [illegible] seemed [illegible] would [illegible] the highest work [illegible] to three [illegible] was the rock [illegible] under the coal; and [illegible] a foot of coal only a few feet [illegible] in [illegible] [illegible] go. [illegible] weeks ago [illegible] by [illegible] [illegible] at [illegible] hundred feet [illegible] [illegible] depth [illegible] the feet [illegible] [illegible] among the bottom. This [illegible] [illegible] in that position; but [illegible] [illegible] a good way [illegible] the surface of the ground [illegible] few feet beyond this [illegible]. [illegible] [illegible] within a few feet of [illegible]. The [illegible] as far as [illegible] highest point so that the work [illegible] [illegible] Sandy has now [illegible] [illegible] himself. He [illegible] extremely faithful and [illegible] [illegible] Smith we [illegible] to take him here. He [illegible] more work [illegible] of his [illegible].

Hoping to see you [illegible]

P. S. [illegible] the [illegible] Company's Engineers [illegible] [illegible] to the rock. [illegible]

Very truly yours,

Benj. Smith Lyman

Coos Bay C.R.; 24 Oct. 1856.

Dear Mary,

Mother's letter of the 4th instant came to hand this afternoon and gave me great pleasure, especially the information about Mr. Langel and his movements. I hope I shall get [illegible] letter in time to [illegible] him.

I like very well your plan of visiting the Delano children both on this account and your own. Only I hope you will not overwork yourself so as to get sick. I shall be sorry not to have you as a housekeeper, and I am afraid to [illegible] from [illegible] for any of the remainder of a three [illegible]. However if you are [illegible] from teaching or [illegible] do as [illegible] and you can then come and reestablish your health by the help of housekeeping exercise and my wholesome diet.

It seems to do no good even to write by Express Mail in the best of our letters; the postmasters seem to take no notice [illegible] and [illegible] the mail route by Shasta and Yreka. It seems [illegible] letters [illegible] in advance of [illegible] the route, for that my name is all that is needed. [illegible] nothing is [illegible] on the great [illegible] sending a letter by Express but it is [illegible] you see, [illegible] instead of ten. Perhaps I better would do [illegible] a line of inquiry to the postmaster general. I think I shall write to the [illegible] general and ask that [illegible] same [illegible] I have made about frequent [illegible] of [illegible] papers that are paid for in the States and [illegible] 2 cts. If you write at the time of the [illegible] the Express Steamer, and direct your letter "By Express" Mail Steamer [illegible]" and I think it will go through. Letters come to Portland, [illegible] only five cents are paid on them and then the Express and [illegible] collected from us.

My life remains much as it was. The [illegible] days roll slowly along, and as they [illegible] I am very well [illegible]

and impudent boys have [illegible] as I must try to [illegible] dear Mr. Langhi. I will pass however, I must stay here until the [illegible] of [illegible].

I have little or nothing of interest to write about and [illegible] is a pro- [illegible] for the last letter but as I am [illegible] Mr Bennet is [illegible] with us once and we [illegible] at Big Ripley in by days, and he comes [illegible] occasionally, and I [illegible] of [illegible] in by days with him. But the roads have become [illegible] very bad and [illegible] disagreable. Last Sunday I went to a [illegible] first time in the new church. It dedicated was an elderly lady of [illegible] I had seen [illegible]. The procession started to time as [illegible] from the tower to the [illegible] a psalm [illegible] was read; then all [illegible] went on the church into the adjoining graveyard and [illegible] "dust to dust" dust to dust, ashes to ashes" [illegible] as an impressive [illegible] the [illegible] my [illegible], then I was a little [illegible], was [illegible] in no very affected manner. The women were present at the ceremonies, and I understand that this is the custom also throughout England.

I'll [illegible] Helen about Jamie who takes care of my room and table [illegible] the cutter [illegible] Hatter Pumbolt's house and I think is very quick. Have every day [illegible] on the other side of the [illegible] Hatter day Jamie suddenly announced [illegible], as if she had almost forgotten it "I've [illegible] to ball!" This is a grand ball to be given on "Hall" [illegible] or rather as that is Sunday it is [illegible] [illegible] of the [illegible] Hatter. She said she was [illegible] she could go, as she had [illegible] think quite [illegible]! Jamie mentioned the [illegible], lack of hoops lack of boots, lack of [illegible], but all was [illegible], and it was decided she should go. She said [illegible] a ball she had been [illegible]; however was she would like [illegible] distance; but this was [illegible] Engl a light matter. Her dress [illegible] between dances until very [illegible] going; was as the rule [illegible] married, and [illegible] [illegible] of the [illegible] got a [illegible] as it is called in [illegible]. Jamie [illegible] Have [illegible] has nothing on her [illegible] pins. Jamie cannot take [illegible] she only [illegible] and has [illegible] [illegible]; but Helen [illegible] [illegible].

your coat by him.

[illegible] Oct. 1[illegible]4.

Dear Lizzie,

[illegible] came yesterday [illegible] the [illegible], and I [illegible]. The [illegible] is a very fine [illegible] [illegible] have been [illegible] me a vast [illegible] [illegible].

[illegible] and [illegible] I have been [illegible] [illegible] upon the [illegible] [illegible] Commentary [illegible] about [illegible] the manner in which [illegible] that they [illegible] to be [illegible].

[illegible] that you are to be present at Frank [illegible] wedding. The [illegible] will be [illegible] a [illegible] change for you. [illegible] overwork [illegible] in [illegible]. You may be [illegible] one would be more [illegible] seeing you both capable of [illegible] evening [illegible] [illegible] at the same time, no one would expect more than [illegible] health and, perhaps, [illegible] to accomplish [illegible] [illegible] as favorable as they have been [illegible] Mary will [illegible] find her French scholars, if [illegible] if the two Scholars are too much [illegible] to, for it cannot be [illegible] in New Eng[illegible] [illegible] in. Then Mary can [illegible] me and become a proficient in that art which you have [illegible] mastered. You are [illegible] performance [illegible] [illegible].

[illegible] and Archer [illegible] arrived in Sydney [illegible]

and I am going in [illegible] Sunday with him. He was very muddy indeed and I have of late taken no great pleasure in reading to him. He is not so stupid as I may have imagined. His name his Boy you have no doubt heard [illegible] is the name which only [illegible] a descendant of the Scott [illegible] is likewise a surname. The name of Scott is likewise further similar. By far the most common name is that of Smith which is not Smith in Scotland. [illegible] Donald, and the other [illegible] Donald, and the other [illegible] Donald's but Scott [illegible] there are so many [illegible] Scott to read [illegible] Scott is so well known [illegible] would [illegible] Scott, Thomas Scott, Peter Scott, Walter Scott, Sir Walter Scott, Sir Gilbert Scott, all Scotts. Scott is [illegible] Scott the [illegible] formerly in the [illegible] Allen is a [illegible] Scott [illegible] Allen is a common name [illegible] die [illegible] their wives from the [illegible]. Hogan is so common a name here [illegible] the word Pickon; Hogan is a common [illegible] here; so [illegible]. Women's names [illegible] Mary. Mary Jane and Mary Ann are common; Minna is the [illegible] one [illegible]; [illegible] girls are only [illegible]. Nora is a common name; Christie occurs; so [illegible] Bella, also Agnes. [illegible] is named Annie [illegible] Maggie and Peggie, [illegible] Bridie [illegible] Susie Lyman.

Cow Bay, C.B.; 1 Nov. 1864.

C. L. Hamilton Esqre
Asst. Commissioner of Mines
Halifax.

Dear Sir;

I send you herewith according to the promise made yesterday, a small sketch containing a map of the Onslow Lease, at Big Glace Bay with a topographical map of that portion of the lease where the present opening is making, and with a longitudinal and a cross section of the drains and drifts; and I hope this will be enough to make clear the manner in which it is intended to work the Phalen Bed.

It is [illegible] one of the commonest, little cost of raising coal that is above water level and drained by a drift without the need of pumps; or of the advantage even when a pit is sunk below water level of having the deepest water drained by a drift to the lowest point possible. The beginning [illegible] where the coal comes to the cliff shore; by [illegible] on the undulations of the coal and the water cliff as both coming in there quite to the shore, yet, in rising, with sections along the coal and the rocks are everywhere covered by several feet of cliff loam. The [illegible] to drain reaches the water level of the coal was chosen as the nearest one to the shore on that level at which we could confidently expect to find a good roof of rock over the coal.

The inclined plane at the mouth of the drift is to save the length of transportation through the long covered drains. A vertical shaft, as dotted on the section, with a winding engine may also be placed there. When the drift becomes long the vertical pit will be sunk upon it, likewise to save distance of transportation underground.

Hoping that I have made sufficiently evident to you the nature of the present operation I remain

Very respectfully yours,

Benj. Smith Lyman.

Canso Bay, C.B. 8th Nov. 1864.

Dear Bowring,

I send you a tracing of your Richmond County Rights of Search. I have not had it enlarged from the big map, because there is no knowing here what errors an enlargement of that plan might produce; and the Commissioner takes you and the tracing can enlarge it if he pleases on that scale. I understand from the maps I have seen, undoubtedly now, that we can measure from its boundaries so as to strip the whole of the coal seams.

There is nothing new of importance at the diggings here. Work is still going on at the northern hole, and Mr. Smith hopes to get the coal in the spring.

Thirty-eight feet of coal or more has been found at Lake McDonald's Lake back of Arisaig on the Gulf Shore, and I think it is the first coal that was found on the Black Rock Road.

Very truly yours,

Benj. Smith Lyman.

Cow Bay C. B. 11 Nov. 1864.

Dear Brainerd;

Your postscript last night arrived this evening. The mail never arrives on Sunday, late today. I suppose the post office about three o'clock and the mail had not then arrived. Mr. Smith received a letter from Archibald with the same request for your information and I suppose also the money ~~for the same~~ for ~~two~~ dollars ~~and~~ to Mr. Smith would be glad to hear ~~from~~ that the matter ~~was~~ settled and send him the money.

I measured the Treasy coal in four places in the mine. The average thickness of good coal of the four measurements is nine feet eight inches and a quarter. There is besides an average thickness of five inches and a quarter of ~~coal~~ dirty coal ~~and~~ above the ~~good~~ coal, making ~~the~~ the total thickness of the bed ten feet and about ~~half~~ a half. But when the ~~whole~~ bed is worked ~~the~~ the dirty coal ~~will~~ will be left and the ~~good~~ coal ~~alone~~ alone taken. Since I left it is caught fire of itself and ~~all~~ all the bituminous coal is ~~on~~ on fire and probably combustible, but not ordinarily ~~so~~ so. ~~Only~~ Only the dirty coal ~~will~~ will be burned up and of course not included in the measurement of the coal.

Besides the Macauley coal we have bored:

(2) 15 inches coal at about 200 feet below Macauley

(3) 14 " " (Wiley) 450 " " "

(4) 24 " " 500 " " "

(5) 18 " " all 600 " " " "

(6) 24 " " " " " " "

I think the twenty six inch coal that was bored the other day, that had the quart bed of fire clay below it, is the one marked (4) here. Mr. Acme opened it the other three days ago when the boring for the Macauley coal proved ~~a~~ failure. Consequently, the Macauley Coal is to be looked for a little South of where Litchfield found it. It will be ~~found~~ found and possibly where the boring stood for it was in the bottom of the hole dug for the Macauley with three or four feet of finished work in it. I have continued the boring in the new hole for this same twenty six inch coal so as to determine the precise position of a good section for the coal and for its full thickness. They had proven the bed both the Macauley and

hole to [illegible] a chisel [illegible] very well had to begin the boring again & [illegible] same depth and we are now four feet down At the other hole they [illegible] on very slowly indeed, only twenty one inches today, and are now [illegible] feet down.

As soon as this point is settled, which I hope will be within a very few days, I shall set a man to boring some two thousand feet [illegible] Mount Keira, and determine positively what we [illegible] to expect in the Illawarra Red there and then go on [illegible] dips or five hundred yards further west nea. Arnold's Farm house where I think it must have its [illegible] This will give you about three hundred acres of coal, or about five million tons.

Every day this week since my return from Sydney has either been so rainy or so threatening of rain that I have not been over Mount Keira, but shall go tomorrow. Tuesday turned out after all a fair day, & I rode down to Mr Lang's expecting as usual to [illegible] on if you come after my bad luck but was disappointed. I found by my [illegible] that there is more to be done over there than I thought, so I will [illegible] two or three days. The days get shortened a good deal by the distance I have to go but there, with [illegible] to [illegible] There is an boat to be got on this side for rowing across. The Spirit has been [illegible] my force a few days. The seams kept so [illegible] and we cannot discover the cause of the dampness. Peter took it off and reset the [illegible] yesterday, but without effect.

Peter's father came over yesterday morning and [illegible] with a bill for seven days work at five shillings £2-5. Use of [illegible] from 5th June to 18th Oct. at 1/3 a day £5-6-3; amount £7-11-3. He wanted to be paid immediately, as [illegible] to his wife &c &c. I had no money & wanted a line from me to the storekeeper. I could give neither, and he went away in high dudgeon. I learn from Smith that the old Mr Lang [illegible] about two days after the [illegible] and screws were made, that he was not employed at all by authority. I told Peter that you expected to give him something for the use of the forge and tools. He told me not to mind the old man. That he was very crabbed but [illegible] I afterwards told Smith that he [illegible] taken a glass of rum yesterday morning and was excited by that.

The money you gave me Sunday [illegible] more than [illegible] by about two pounds, and I have about nine dollars on hand now. I would give you the [illegible] memorandum of expenditures, but I will [illegible] his time book in which the amounts of pay are written down [illegible] he has gone to bed. I can make it out for you [illegible]

The Lepidosteus osseus and Splenopthyllum are not so rare as you suppose. The former is quite common and the latter not rare. I do not remember any Lepidosteus in your possession. There is a very handsome one in the road near the Post Office Sydney just as you turn to go up to Jost's store, forming I believe a part of the gutter that crosses the street on which your father lives. These names are not very precise only names of the genera as they call it, or surnames as you may say, and which genus contains a number of species distinguished by a separate name, or Christian name of the species. Although the genus in each of these cases is quite rare, it is possible that the species is. Perhaps Mr. Mills can give you the specific name as well as the generic.

I should like very much to try my hand at lecturing before the Mechanics Institute, not from any confidence in my success, but because I like the idea of these lectures, and should be glad to help them on if I could. But I have nothing in the shape of a lecture now prepared, at least with me; and I see no opportunity for preparing anything in a proper manner. Besides the earliest evening that is free is the twelfth of December; and if I am not gone to the States before that I think I shall fly off the handle.

There will be about eighty two days work to pay for this week; the whole pay amounting I suppose, from seven to five dollars. I should like to have some cents of course this week and some 5 dollars or dimes.

I remain, very truly yours.

Benj. Smith Lyman

I wrote you a shorter [illegible] Tuesday morning, breaking off rather abruptly [illegible] upon interruption. I meant to add that the coal found near Beebe's Mills, Lake Ariel, must be Mr. Whitney's claim [illegible] not still [illegible] without [illegible] I could [illegible] B. S. L.